

**soundolier, inc.**

Subsidiary of  
Soundolier  
Electronic  
Industries, Inc.

9380 WATSON INDUSTRIAL PARK, ST. LOUIS, MO. 63126 • CALL COLLECT (AC 314-962-9870)

# Commercial Sound Accessories Catalog

## PRODUCT INDEX

PAGE #	PRODUCT
2	PageKom Intercommunication System
3	Telephone Headsets
4	Plaster Rings/ Plaster Frames
5	Telephone Intercom Stations
5	Telephone Intercom Housings
5	Telephone Accessories
6	Power Supplies
7	Relay Paks, Plug-in Relays, Relay Chassis
8	Tone Generators
8	Communications Control Centers
8	Zone Page Powered Relay Pak
9	Standard Attenuators, Deluxe Priority Attenuators
9	Transformers
10	Standard Wall Plates And Connectors
11	Intercom Station Assemblies
11	Custom Assemblies
12	Sound Columns
12	Mic Receptacle Floor Box
12	Assembled Speakers And Transformers
13-16	4+ Speakers, Baffles and Accessories
17	Assembled Speakers, Baffles and Transformers
18-24	Baffles and Enclosures
25	Electronic Equipment Cabinets
26	Monitor and Power Panels
27	Cabinet Accessories
28	Sales Representatives

Condensed  
Catalog  
No. 105A



PK100-W



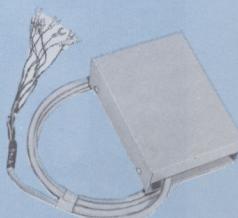
PK200-W



PK300-D



PKC24-30



PK10-T



PK10-J

## GENERAL DESCRIPTION

The PageKom Intercommunication System is a unique three channel, common talk-paging system which features two talk lines and a 'page only' third line. The telephone stations are available in both wall and desk models and are controlled by an unusual power supply capable of quick expansion.

### MODEL PK100-W

A wall mounted telephone station with 500 style handset — paging switch on handset — hookswitch made of polished cast metal and mutes external speaker if desired — can page when 'talk' lines are busy — red and green busy lights — heavy gauge steel wall box with baked on finish — two contrasting colors to match handset — all nomenclature silk screened.

### MODEL PK200-W

Similar to PK100-W except larger enclosure to accommodate 2½" speaker, 25 volt transformer and a screw drive adjust volume control — hook switch mutes internal speaker — transformer tapped at ½ and 1 watt.

### MODEL PK300-D

Similar to PK-200-W except designed for desk use — entirely molded of high impact plastic — finished in attractive beige — use Model PK10-T terminal box.

### MODEL PKC24-30

A power control unit using a full wave rectifier and pi-section filter — output is 24 volts and 3 amps — can serve up to 30 stations — a PS24-32 power supply can be added to serve up to 60 stations — extra 24V, 250 ma. available at external strip — extra SPDT contacts on page relay suitable for auxiliary equipment — potentiometer (screwdriver adjust) controls music input to amplifier — 115 vac convenience outlet available — complete instruction book available with each unit.

### MODEL PK10-T

Terminal box for PK300-D station — complete with 10 conductor beige cable terminated with spade lugs — finish matching beige.

### PK10-J

Junction box with 10 point barrier strip — all connections covered — finish beige.

## SPECIFICATIONS

### Models PK100-W, PK200-W and PK300-D

#### SPECIFICATIONS

Carbon transmitter — 200 ohm impedance  
Dynamic receiver — 50 ohm impedance  
Paging switch — SPDT  
Channel selector switch — DP-3 position  
Volume control — internal  
Speaker muting contacts  
Channel lights (28 volts) — red and green  
Speaker — 2½", 1 oz. magnet  
Transformer, 25 volts, ½, 1 watt taps  
Screw terminal connections  
Finish — all beige  
Finish — beige & contrasting color  
Weight

PK100-W	PK200-W	PK300-D
X	X	X
X	X	X
X	X	X
X	X	X
None	X	X
X	X	X
X	X	X
None	X	X
None	X	X
X	X	X
—	—	X
X	X	—
3 LBS.	4 LBS.	3½ LBS.

### Model PKC24-30

Power input: 105-125 VAC, 60 Hz  
Convenience outlet: 117 VAC, not switched  
Power output: 24 VDC @ 3 amps — (operates up to 30 telephones)  
External power input: 24 VDC up to 3 amps — (expands system for an additional 30 phones)  
Auxiliary output power: 24 VDC @ 250 ma. fused  
Fused circuits: Transformer primary, power to busy light circuits, auxiliary output power.  
Relays: Plug-in type with plastic dust cover, DPDT, 24 VDC coil, 3 amp contact rating  
Program input: Any background music source, internal level adjustment  
Auxiliary contacts: SPDT contacts, actuated when paging  
Terminations: Screw terminals for system wiring, phono plugs for amplifier and program source

Finish: Light blue with contrasting black cover  
Size: 3½" H x 13½" W x 7¾" D  
Weight: 1½ LBS.

**Model PK10-T**  
Size: 5¾" H x 4½" W x 1½" D  
Finish: Chassis and cover, beige  
Weight: 1½ LBS.  
Termination: Screw terminals, one 10 point barrier strip numbered and covered.  
Cable: Ten conductor, 6 ft. length, beige finish. Free end terminated with spade lugs.

**Model PK10-J**  
Size: 5½" H x 4½" W x 1½" D  
Finish: Chassis and cover, beige  
Weight: 1 LB.  
Termination: "Same as model PK10-T"

## H52 SERIES / H53 SERIES

### H52 Series / H53 Series

CORD LENGTH: 5 feet  
TRANSMITTER: Carbon-25 ohm  
RECEIVER: Magnetic-600 ohm

The H52 series of Soundolier headsets are standard operator headsets — 52AW. The 53 series is the standard 53AW.

The H53 series can be used as a headset or as a handset when the headband is removed.

Both headsets contain a carbon microphone and a single dynamic earset. The headband is padded leather. The H52 and H53 Series are available with 2 types of connectors.

Connector Type  
Model H52      Dual Telephone Type  
Model H53      (289B)  
Model H52-3      Single 3 Connector Type  
Model H53-3      (310)



### 15' COIL CORD

## H152 SERIES

### H152 SERIES

CORD LENGTH: 15' Coil Cord  
TRANSMITTER: Carbon-25 ohm  
RECEIVER: Magnetic 600 ohm

The H152 Series of SOUNDOLIER headset are the standard operator headset (52AW) but with a 15 foot coil cord for use in cueing system and for added mobility. The headset contains a carbon microphone and a single dynamic earset. Headband is padded leather. The H152 Series is available with your choice of several connectors.

Connector Type  
Model H152      Dual Telephone Type  
                    (289B)  
Model H152-3      Single 3 Conductor  
                    (310)  
Model H152-4      XLP4-12 (4 pin male)  
Model H152-5      XLP4-11 (4 pin female)  
Model H152-6      XLP3-12 (3 pin male)  
Model H152-7      XLP3-11 (3 pin female)



### 15' COIL CORD AND ON-OFF TOGGLE SWITCH

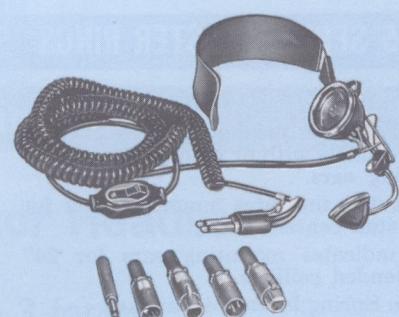
## H252 SERIES

### H252 SERIES

CORD LENGTH: 15' Coil Cord  
TRANSMITTER: Carbon-25 ohm  
RECEIVER: Magnetic 600 ohm  
SWITCH: ON-OFF TOGGLE

The H252 Series of SOUNDOLIER headsets are the standard telephone supervisor type. Cord length is 15 foot complete with on-off toggle switch. Used extensively for cueing systems, TV cameramen, etc. The headset contains a carbon microphone and a single dynamic earset. The H252 Series is available with your choice of several connectors.

Connector  
Model H252      Dual Telephone Type  
                    (289B)  
Model H252-3      Single 3 Conductor Type  
                    (310)  
Model H252-4      XLP4-12 (4 pin male)  
Model H252-5      XLP4-11 (4 pin female)  
Model H252-6      XLP3-12 (3 pin male)  
Model H252-7      XLP3-11 (3 pin female)



# PLASTER RINGS / PLASTER FRAMES

## 75, 76 SERIES PLASTER RINGS



The 75 and 76 series are circular units. They are available with or without mounting ears.

- E1 suffix indicates mounting ears for 16" stud centers.
- E2 indicates mounting ears for 24" suspended ceilings.

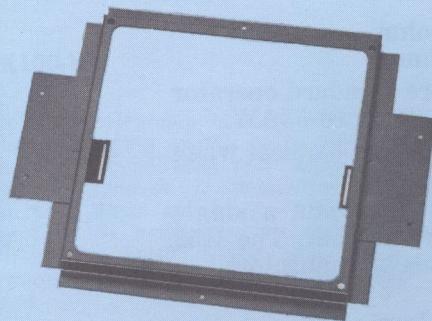
The 75 series has threaded rivet baffle fasteners. They are also available with torsion spring locks (T prefix).

The 76 series has convenient speed nuts. The following sizes and styles are available:

Mounting				
Cat. No.	O.D.	I.D.	Depth	Ears
75-6	8 1/2"	5 1/8"	....	60-5,60-6,61-5,61-6 68-6,162-6
75-8	9 7/8"	5 1/8"	....	10-8,12-8,15-8,17-8,51-8 60-8,61-8,63-8,M222,66-6 67-9,68-8,162-8,63-8,170-8 165-8,460-8
T75-8	9 7/8"	5 1/8"	....	T60-8,T61-8,TM222-8,T51-8 T610-8,T710-8,T720-8
75-8E1	9 7/8"	5 1/8"	17**	same as 75-8
T75-8E1	9 7/8"	5 1/8"	17**	same as T75-8
75-8E2	9 7/8"	5 1/8"	23 1/2"	same as 75-8
T75-8E2	9 7/8"	5 1/8"	23 1/2"	same as T75-8
75-10	12 1/2"	5 1/8"	....	66-8
75-12	....	....	....	60-12,60-10,61-10,61-12 162-10,162-12,66-12,63-10, 63-12,66-10,66-12,165-12
76-8	11 7/8"	10 3/4"	1 1/2"	....
76-8E1	11 7/8"	10 3/4"	1 1/2"	17**
76-8E2	11 7/8"	10 3/4"	1 1/2"	23 1/2"

\* This dimension is opening in ceiling.

## 71, 72 SERIES PLASTER FRAMES



The 71 and 72 series are rectangular plaster frames.

Both units are available with a choice of threaded rivets or torsion spring locks (T prefix) to hold baffles in place. They are available with or without mounting ears.

- E1 suffix indicates mounting ears for 16" stud centers.
- E2 indicates mounting ears for 24" suspended ceilings.

The following sizes and styles are available:

Mounting				
Cat. No.	O.D.	I.D.	Depth	Ears
71-8	11 1/8"	10 3/4"	1 1/2"	....
T71-8	11 1/8"	10 3/4"	1 1/2"	....
71-8E1	11 1/8"	10 3/4"	1 1/2"	17**
T71-8E1	11 1/8"	10 3/4"	1 1/2"	17**
71-8E2	11 1/8"	10 3/4"	1 1/2"	23 1/2"
T71-8E2	11 1/8"	10 3/4"	1 1/2"	23 1/2"
72-8	10 7/8"	9 3/4"	1 1/2"	....
T72-8	10 7/8"	9 3/4"	1 1/2"	....
72-8E1	10 7/8"	9 3/4"	1 1/2"	17**
T72-8E1	10 7/8"	9 3/4"	1 1/2"	17**
72-8E2	10 7/8"	9 3/4"	1 1/2"	23 1/2"
T72-8E2	10 7/8"	9 3/4"	1 1/2"	23 1/2"

\*\* These units have nailing holes for 16" O.C. stud mounting.

## T175 SERIES PLASTER RINGS

The T175 series plaster rings are circular units available with or without convenient mounting ears.

- E1 suffix indicates mounting ears for 16" stud centers.
- E2 indicates mounting ears for 24" suspended ceilings.

Torsion Spring locks are standard.

They are available in the following sizes and styles:

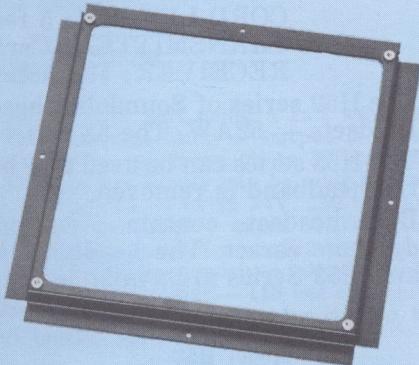
Mounting			
Cat. No.	O.D.	I.D.	Depth
T175-8	9 7/8"	5 1/8"	....
T175-8E1	9 7/8"	5 1/8"	17**
T175-8E2	9 7/8"	5 1/8"	23 1/2"
			T730-8



Soundolier offers you complete flexibility in designing your sound installation.

With 30 styles and sizes to choose from, you're sure to find the answer to your need in our expanded plaster ring and frame line.

## 73 SERIES PLASTER FRAMES



The 73 series plaster frames are rectangular units available with or without mounting ears for easy installation.

- E1 suffix indicates mounting ears for 16" stud centers.
- E2 indicates mounting ears for 24" suspended ceilings.

They are available in the following sizes and styles:

Mounting				
Cat. No.	O.D.	I.D.	Depth	Ears
73-8	9 7/8"	8 1/2"	1 1/2"	....
73-8E1	9 7/8"	8 1/2"	1 1/2"	17**
73-8E2	9 7/8"	8 1/2"	1 1/2"	23 1/2"

## 178 SERIES PLASTER FRAMES

The 178 series plaster frames are rectangular units featuring threaded rivet baffle fasteners. They are finished in a rust preventative coating.

Cat. No.	Dimensions	Mounts Baffle #
178	23" x 15"	800-8, 800-12

WE4  
WB4WE0  
WB0

The "W" Series is a telephone handset/hookswitch assembly utilizing a thermoplastic cup cradle mounted on an attractive 2 gang or 4 gang brushed stainless steel plate. The assembly has a '500' style handset. Switching consists of 2 form 'C' switches (DPDT). The entire assembly is wired to a terminal strip located on rear of plate, with all leads color coded and equipped with spade lugs for quick modification. Models WE-0 and WB-0 utilize a special mounting plate for use with Soundolier telephone enclosures.

Models: WE-2	2 Gang	Beige
WE-4	4 Gang	Beige
WB-2	2 Gang	Black
WB-4	4 Gang	Black
WE-0	—	Beige
WB-0	—	Black

## TELEPHONE STATIONS—METAL HANGER TYPE



Series "C" is a complete handset/hookswitch assembly utilizing an attractive chrome hook mounted on either a 2 gang or 4 gang brushed stainless steel plate. The assembly has a '500' style handset. Switching consists of 2 form "C" switches (DPDT) completely wired to a terminal strip located on rear of plate. All leads are color coded and equipped with spade lugs for quick modification.

Models: CE-2	2 Gang	Beige
CE-4	4 Gang	Beige
CB-2	2 Gang	Black
CB-4	4 Gang	Black

## TELEPHONE

## INTERCOM HOUSINGS



Models TRE-1 and TSE-1 are special recessed and surface enclosures for use with telephone intercom stations. Housings feature hinged front door with cylinder locks. Model TRC-1 is a recessed telephone housing without front door. Models TS302 and TS304 are 2 gang and 4 gang surface enclosures finished in attractive beige.

Tele- phone	Plaster Unit	Dimensions
TRE-1	WE0	7" x 12" x 3 3/4"
	WB0	
TSE-1	WE0	8 5/8" x 13 7/8" x 3 3/4"
	WB0	
TRC-1	WE0	7" x 12" x 3 3/4"
	WB0	
TS302	WE2, WB2	4 1/2" x 4 5/8" x 2 1/2"
TS304	WE4, WB4	4 1/2" x 8 1/4" x 2 1/2"

## NOISE-CANCELING TRANSMITTER

Series CX is a noise-cancelling telephone transmitter designed to acoustically cancel background noise. Ideal for use in telephone intercoms in high noise level areas. It is directly interchangeable with the transmitter element in an '500' style handset. Available in beige or black.

Models: CX-E	Beige
	Black



The TPS24-20 is a combination low voltage AC and Talk voltage power supply designed to power most common talk telephone intercom systems. A retard coil is included in the talk voltage circuit. Ventilated cover is included.

## SPECIFICATIONS

Input power:	117 VAC @ 60 Hz.
Output power:	
Talk Voltage:	6, 12 & 24 VDC @ 2 amps
AC Voltage:	6, 12 & 24 VAC @ 2 amps
Ripple (talk voltage):	less than .125% (30 MV RMS) @ 2 amps

## "500" STYLE HANDSET WITH PUSH-TO-TALK BUTTON



Series "PT" is a standard "500" style handset with the addition of a push-to-talk button located conveniently on the handset. The switch contact arrangement is form "C" (SPDT) and is wired as form "A" (SPST), thus making it ideal for use in relay control, two-way radio or other switch applications.

Available on all Soundolier hookswitch assemblies. Add suffix-PT to model number. (Example WE-2PT or CB-4PT)

## DESK INTERCOM STATION—"500" STYLE



Model DP-1 is a "500" style desk phone designed for integration into virtually any telephone intercom system. The desk phone is furnished less ringer, induction coil and dial but supplied with a dial blank, 2 form "C" switches (DPDT), transmitter and receiver are completely wired to a terminal block located in the interior of phone. Spade lugs are also supplied for quick modification.

Model: DP-1  
Color: Beige

## OPERATOR'S HEADSET

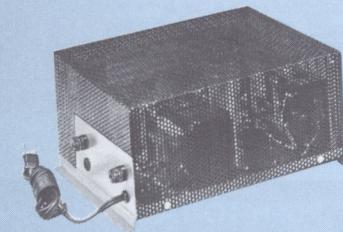
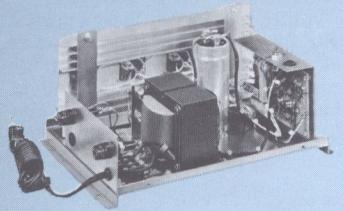
## Operator Headsets

See page 3 for our  
complete line of  
Operator Headsets

## REGULATED POWER SUPPLY

## DESCRIPTION

The RPS24 Series is a series regulated DC power supply offered in three sizes. The RPS24-40 has a voltage range of 22 to 32 volts and delivers 4 amperes. The RPS24-20 has a voltage range of 22 to 32 volts and delivers 2 amperes. The RPS24-10 has a voltage range of 22 to 26 volts and delivers one ampere. The change in output voltage is less than 350mv, 150mv and 150mv respectively from no load to full load and the ripple is less than 1.2mv. The RPS24 series is ideal for dial telephone systems and transistorized equipment.



## RPS24 SERIES

SPECIFICATIONS		
RPS24-40	RPS24-20	RPS24-10
Ripple: 1.2mv RMS	1.2mv RMS	1.2mv RMS
Regulation (No Load): 350mv	150mv	150mv
Input power: 105-125 VAC, 60cps	105-125 VAC, 60 cps	105-125 VAC, 60 cps
Max. power: 185 watts	93 watts	47 watts
Output voltage: 22VDC to 32VDC	22VDC to 32 VDC	22VDC to 26 VDC
Terminals: Barrier strip; Pos., Neg., Grd.	Barrier strip; Pos., Neg., Grd.	Barrier strip; Pos., Neg., Grd.
Finish: Cadmium plated, gold iridescent finish	Cadmium plated, gold iridescent finish	Cadmium plated, gold iridescent finish
(cover): Black	Black	Black
Weight: 13 1/2 lbs.	10 lbs.	6 1/2 lbs.
Temperature: Ambient temp.	Ambient temp.	Ambient temp.
Ranges (output): (22-26VDC) (26-32VDC)	(22-26VDC) (26-32VDC)	0-50°C 22-26 VDC

## AC-DC POWER SUPPLY

## DESCRIPTION

The Model FPS24-20 is a combination low voltage AC-DC power supply with a convertible DC and a multiple AC output. The DC output delivers 24 volts, 12 volts and 6 volts at 2 amperes while the AC output simultaneously delivers 2 amperes at each voltage listed. DC voltage tap conversion is easily accomplished through a plug-in lead. Suitable in some telephone, intercom and annunciator applications. Available with a ventilated cover-see model CFPS24-20.



## FPS24 &amp; CFPS24 SERIES

## SPECIFICATIONS

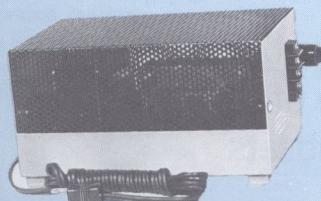
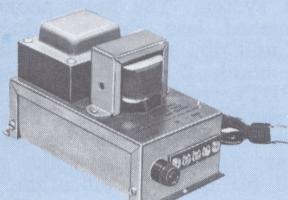
Input power: 117 VAC, 60 cycles, 100 watts  
 Output voltage\*:  
 Nominal 24 VDC at 2 amps Nominal 24 VAC at 2 amps  
 Nominal 12 VDC at 2 amps Nominal 12 VAC at 2 amps  
 Nominal 6 VDC at 2 amps Nominal 6 VAC at 2 amps  
 (\*AC and DC voltage outputs deliver 2 amps (maximum) simultaneously.)

Ripple: Less than .125% (30mv RMS) at 2 amps.  
 Terminals: DC—Positive, negative and ground.  
 AC—Common, 6 VAC, 12 VAC, 24 VAC and ground.

Size: FPS24-20 7-1/4" x 6-7/8" x 6" High  
 CFPS24-20 7-3/8" x 6-7/8" x 6-9/16" High  
 Finish: Cadmium plated with gold iridescent finish.  
 Weight: FPS24-20 12-1/2 lbs.  
 CFPS24-20 13-3/4 lbs.

Regulation	Load			DC			AC		
	Current	6	12	24	6	12	24	6	12
no load	6.2	13	27	6.6	13.3	26.5			
.5 amp	5.2	12	26	6.58	13.2	26.5			
1 amp	4.8	11.5	25	6.5	13.1	26.0			
1.5 amp	4.6	11.0	24	6.45	13.0	25.8			
2 amp	4.4	10.75	23	6.4	12.9	25.5			

## DC POWER SUPPLY



## PS24-20 PS24-05

## SPECIFICATIONS

MODEL PS24-20  
 Input Power: 117 VAC, 60 cycles, 48 watts  
 Output Power: Nominal 24 VDC at 2 amps  
 " 12 VDC at 2 amps  
 " 6 VDC at 2 amps  
 Ripple: Less than 2 1/2% at full load  
 Size: 6 3/4" x 3 5/8" x 4"  
 Finish: Cadmium plated with gold iridescent finish

MODEL PS24-05  
 Input Power: 117 VAC, 60 cycles, 12 watts  
 Output Power: Nominal 24 VDC at 1/2 amp  
 Ripple: Less than 3% at full load  
 Size: 6 3/4" x 3 5/8" x 2"  
 Finish: Cadmium plated with gold iridescent finish

## DC POWER SUPPLIES

## HEAVY DUTY

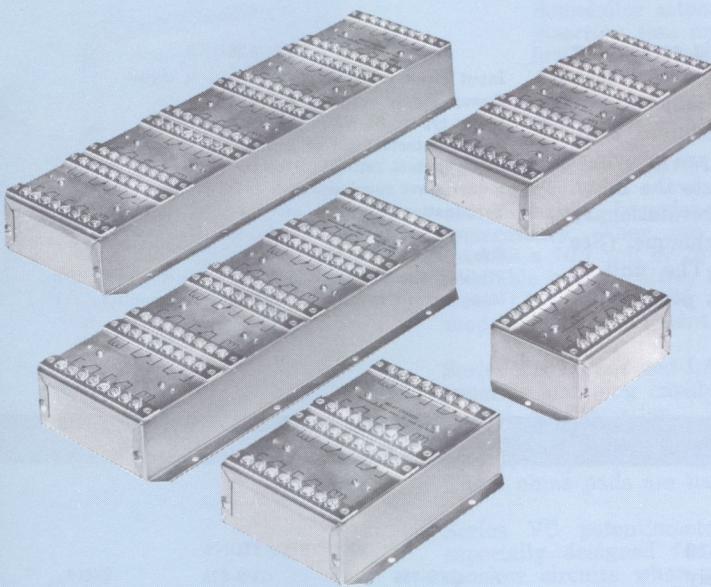
## PS24-100, PS24-50, PS24-32

## DESCRIPTION

The models PS24-100, PS24-50 and PS24-32 power supplies are capable of delivering 10 amps, 5 amps and 3.2 amps respectively at 24 VDC. All models are fused in the input and output—output fuses are defeat proof. All models have solid state silicon rectifiers, choke input filters and bleeder resistors for better regulation. All terminals are barrier type, rubber feet are provided, each have two key-hole slots on the back and all are completely covered. Positive and negative terminals are isolated from ground. Complete with six foot power cord.

## SPECIFICATIONS:

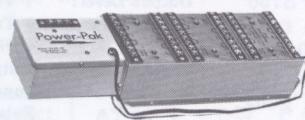
PS24-100	PS24-50	PS24-32
Input Voltage: 117 VAC	117 VAC	117 VAC
Input power: 295 watts	145 watts	95 watts
Output power: 24 VDC	24 VDC	24 VDC
@ 10 AMPS	@ 5 AMPS	@ 3.2 AMPS
Ripple (% at full load): 2 1/2 %	2 1/2 %	2 1/2 %
Regulation—		
Voltage at full load:	23 VDC	23 VDC
Voltage at no load:	29 VDC	29 VDC
Size:	13" x 9" x 6 1/2"	9 3/4" x 7" x 5 1/4"
Finish:	Baked Enamel	Baked Enamel
Weight:	26 lbs.	19 lbs.
		16 lbs.



The PS24-07 power pak is specifically designed to mount to the RP22 series — see photograph. Specifications are given below.

#### SPECIFICATIONS

Input Power: 117 VAC, 60 cycles, 18 watts  
 Output Power: Nominal 24 VDC at .7 amps  
 Ripple: Less than 7 1/2% at full load  
 Size: 4 1/2" x 8 1/2" x 2 1/8"  
 Terminals: Plus, Minus, Ground (minus isolated from ground)  
 Finish: Cadmium plated with gold iridescent finish



PS24-07 mounted to  
RP22 series.

#### PLUG-IN RELAYS



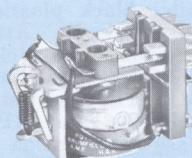
The model PR-22 is a plug-in relay utilizing a 24 VDC DPDT relay manufactured by Potter-Brumfield. It is enclosed in a plastic dust cover with the contact configuration silk screened on the body.

#### SPECIFICATIONS

Type: 24 VDC, DPDT, Plug-in  
 Dimensions: 2 1/8" x 1 3/8" x 1 1/8"  
 Contacts (material): Silver alloy—Gold Flashed  
 Contacts (rating): 5 amp.  
 Power requirements: 24 VDC, 60 ma.  
 Other specifications: Enclosed plug-in type

#### PR-22

#### GENERAL PURPOSE RELAYS

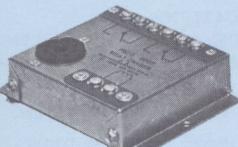


The Model OR-22 is a general purpose DPDT 24 VDC relay manufactured by Potter-Brumfield.

#### SPECIFICATIONS

Type: 24 VDC, DPDT  
 Dimensions: 1 3/4" x 1 1/16" x 1 1/16"  
 Contacts (material): Silver alloy—Gold Flashed  
 Contacts (rating): 5 amp.  
 Power requirements: 24 VDC, 60 ma.

#### RELAY CHASSIS



The model PRC-1 is a single relay chassis which features a single socket for the PR-22 thus providing a convenient means of connecting to the contacts of a plug-in relay. The chassis has eight point screw terminals thus eliminating all soldering. The terminal strip is completely wired to the socket at the factory. The terminals are clearly labeled for quick contact identification. The convenience of the plug-in feature of the PR-22 is, of course, utilized. The chassis is constructed of heavy gauge CRS and is finished in a cadmium plate with a gold iridescent finish.

The model PRC-2 is a chassis similar to the PRC-1 but is enlarged to accommodate two plug in relays. Of course, you may use only one socket and relay and utilize the second as a spare. In addition, the PRC-2 can be mounted on the Soundolier MR-1 mounting rails. You may mount up to 10 relays on a 19" rack panel or elsewhere in the cabinet.

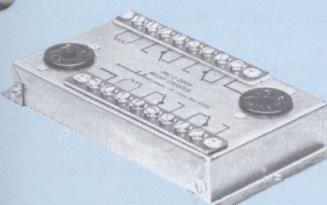
#### SPECIFICATIONS

Sockets (octal): 1  
 Dimensions: 4 1/4" x 3 5/8" x 1 1/16"  
 Terminal strips: 1 - 6 terminal

PRC-1

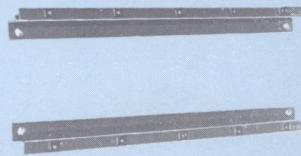
PRC-2

1 6 terminal  
 2 - 8 terminal



#### PRC SERIES

#### MOUNTING RAILS



The Model MR-1 is a mounting rail set used to conveniently mount most of the Soundolier chassis mounted electronic products. The rails eliminate exposed screw heads on rack panels and reduce mounting time. Construction is of CRS and coated for rust prevention. Length is 17" for convenient mounting on 19" rack panels.



## TONE GENERATOR



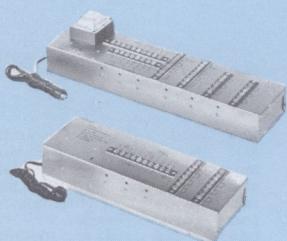
The Model PSRM-1 is a chassis containing a DPDT Potter-Brumfield relay with a built-in power supply. The relay is terminated on a six position terminal strip and two additional terminals are provided for an external switch to actuate the relay. The PSRM-1 utilizes the revolutionary Soundolier "Instant Mount" technique. (See Series RP for description.) The unit is furnished complete with a 6 ft. power cord.

## COMMUNICATIONS CONTROL CENTER



The Series MPC is a communications control center featuring six or twelve DPDT switches mounted at the factory on a blank panel set attractively in a handsome wood cabinet. The panel is .050 aluminum with a beautiful satin finish. The switches exhibit black plastic paddle handles molded to the lever. Attractive name strips are provided with a clear plexiglass finish. The MPC-106 has six mounted switches, the MPC-112 has twelve mounted switches. The MPC-206 and MPC-212 are factory wired (see specification sheet). The MPC-100 has a blank panel without switches. All models are designed to be used with the PSR series.

## ZONE PAGE POWERED RELAY PAK



The Series PSR is a zone page powered relay pak with six or twelve factory mounted Potter-Brumfield relays wired to an internal power supply. Excess current is available for external relays or lights. Any relay may be easily converted to an all page relay by connecting the off bus to the selected relay switch output (see specification sheet). The PSR-206 has six relays while the PSR-212 has twelve. All terminals are easily identified by a clear silk screened diagram. Complete with a 6 ft. power cord.

## SPECIFICATIONS

Input Power: 117 VAC, 60 cycles, 4 watts  
 Power Supply output: 24 VDC, 150 ma  
 Relay type: 24 VDC, DPDT  
 Relay contacts: Silver Alloy—Gold Flashed  
 Relay contact rating: 5 amps  
 Relay power requirement: 24 VDC, 60 ma  
 Termination: 8 point, screw type (2 for external switch, six for relay contacts)  
 Size: 4" x 4 1/8" x 2 1/4"  
 Finish: Cadmium plated with gold iridescent finish  
 Mounting: "Instant Mount" or with mounting holes

## GPS750, GPS610, G610

## SPECIFICATIONS

	GPS-750	GPS-610	G-610
Output Tones:	Steady, pulsed, siren	Steady	Steady
Frequency:	600-1000 HZ	600-1000 HZ	600-1000 HZ
Output Level:	1 Volt/10K	1 Volt/5K	1 Volt/5K
Semi Conductors:	5 Transistors	2 Transistors	2 Transistors
Control:	Output Level	Output Level	Output Level
	Tone Freq.	Tone Freq.	Tone Freq.
	Pulse Duration	—	—
	Sweep Freq.	—	—
Terminations:	6 Screw Terms.	4 Screw Terms.	6 Screw Terms.
Power Required:	117 VAC	117 VAC	22-26 VDC/4ma
Dimensions:	6 3/4" x 5 1/2" x 2 1/4"	6 3/4" x 3 5/8" x 2 1/4"	5 1/4" x 3 5/8" x 2 1/4"
Weight:	4 lbs.	2 1/2 lbs.	1 1/4 lbs.
Finish:	Baked Enamel	Cad. Plated	Cad. Plated

## MPC SERIES

## SPECIFICATIONS

CABINET  
 Material: 5/8" Solid Hardwood  
 Joints: Interlocked and electronically glued  
 Feet: Rubber  
 Finishes: Simulated hand rubbed walnut (-W)  
 Simulated hand rubbed fruitwood (-F)

## SWITCH PANEL

Material: .050 Aluminum  
 Finish: Satin Clear  
 Switch identification: Clear Plexiglass (MPC-100 excluded)

## SWITCHES (excludes MPC-100)

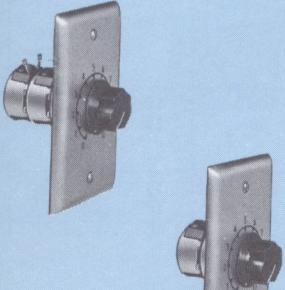
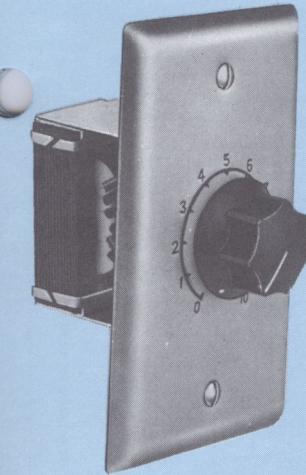
Knobs: Molded plastic, paddle  
 Type: DPDT, 2 position, locking  
 Contact Rating: 3 amps  
 Contact Material: Fine Silver

TERMINAL PANEL (Series MPC-200 only)  
 Terminals: 16 point, screw type (MPC-206)  
 28 point, screw type (MPC-212)  
 Max. Dim.: 4" x 9 1/8" x 6 1/8"

## PSR SERIES

## SPECIFICATIONS

	MODEL PSR-212	MODEL PSR-206
Input power:	117 VAC, 60 cycles	117 VAC, 60 cycles
Output power of supply:	24 VDC, 1 amp	24 VDC, 500 ma.
Relays (number):	12	6
Relay type:	24 VDC, DPDT	24 VDC, DPDT
Relay coil current:	Nominal 60 ma.	Nominal 60 ma.
Relay contact rating:	5 amps	5 amps
Terminal strips:	one 10 point, screw type three 8 point, screw type two 6 point, screw type	one 10 point, screw type two 8 point, screw type
Size:	17 1/8" x 4 3/8" x 2 1/4"	13 1/4" x 4 3/8" x 2 1/4"



## DELUXE PRIORITY ATTENUATORS



Soundolier attenuators are available in nine different models, from the low insertion loss and high power capabilities of the auto transformer to the low power requirements and economy of the wire wound potentiometers. All models are mounted on beautifully brushed specification grade stainless steel plates with standard countersunk mounting holes for box mounting. A handsome skirted knob and paint filled dial scale complete the assemblies.

Series AT auto-transformer attenuators are the quality and convenience approach to sound design. Impedance calculations are unnecessary. They can be used with any load on a 70.7 volt or 25 volt line. They are available in three sizes, 10 watt (AT-10), 35 watt (AT-35) and 75 watt (AT-75). All models have an excellent frequency response

Series TA T-pads and LA L-pads utilize the superior matching capabilities of the T and L pad configuration. They are available in two impedances, 1500 ohms and 8 ohms, and are capable of handling 3 watts D.C. The 8 ohms pads are used in voice coil cir-

Series VC potentiometer attenuators are especially designed for use in low power speaker circuits when an economical level control is needed. They are available in two impedances, 5000 ohms and 50 ohms, and are capable of handling 3 watts D.C.

and extremely low insertion losses. Attenuation is accomplished in ten steps with positive off position. There is no stop between the maximum and off positions thus preventing damage to the switch. The switch contacts are silver plated virtually eliminating noise and loss. Plate mounting, dial scale and knob are furnished as described above.

cuits while the 1500 ohms pads are used in the line circuits. Soundolier L and T pads are continuously variable (no stops) thus preventing possible damage. Plate mounting, dial scale and knob are furnished as described above.

The 50 ohm potentiometers are used in voice coil circuits while the 5000 ohm potentiometers are used in line circuits. Plate mounting, dial scale and knob are furnished as described above.

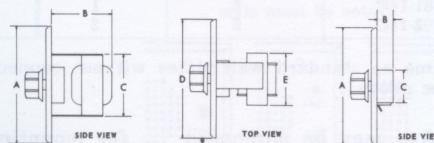
MODEL	AT-10	AT-35	AT-75	TA-8	TA-1500	LA-8	LA-1500	VC-5K	VC-50
Power Rating	10 watts	35 watts	75 watts	10 watts*	10 watts*	10 watts*	10 watts*	3 watts DC	3 watts DC
Type	Auto-Trans	Auto-Trans	Auto-Trans	T Pad	T Pad	L Pad	L Pad	Pot.	Pot.
Positions	10-off	10-off	10-off	- -	- -	- -	- -	- -	- -
Attenuation Per Step	3 db	3 db	3 db	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
Total Attenuation	36 db (1)	36 db (1)	36 db (1)	20 db (min)	38 db (min)	20 db (min)	38 db (min)	- -	- -
Insertion Loss	.5 db	.6 db	.6 db	.8 db	.8 db	.8 db	.8 db	1 db	1 db
Mounting Plate	1 gang	2 gang	2 gang	1 gang	1 gang	1 gang	1 gang	1 gang	1 gang
Resistance	- -	- -	- -	8 ohms	1500 ohms	8 ohms	1500 ohms	5 K ohms	50 ohms

The attenuation curve is steeper when the auto-transformers are used on a 25 volt line.

(1) Auto-transformers have two steps of 6 db before off position.

\*Audio rating.

## DIMENSIONAL SPECIFICATIONS



MODEL	A	B	C	D	E
AT-75	4 1/2"	2-5/8"	2-3/8"	4-9/16"	2 3/4"
AT-35	4 1/2"	2 1/4"	2-7/16"	4-9/16"	2"
AT-10	4 1/2"	2-1/16"	2-1/16"	2 3/4"	1-11/16"
TA-1500 TA-8	4 1/2"	2"	1 1/4"	2 3/4"	-
LA-1500 LA-8	4 1/2"	1 1/4"	1 1/4"	2 3/4"	-
VC-5K VC-50	4 1/2"	5/8"	1 1/4"	2 3/4"	1 1/4"

RACK MOUNTING—Soundolier attenuators are available with a 2" square dial scale plate for panel mounting. Suffix model number with —RM.

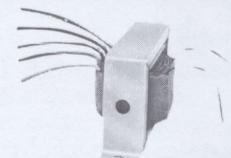
## PA SERIES

The PA Series attenuators are designed to allow the user to set the program level on selected emergency, paging, etc. signals at the amplifier and to by-pass the effect of the attenuator. This eliminates the need for dual voice coil speakers or separate speaker systems. The entire line of Soundolier attenuators is available with the priority program feature.

The PA Series attenuators are standard Soundolier attenuators with the addition of a SPDT relay securely mounted to the attenuator and properly wired. When the priority program is switched in, the relay by-passes the attenuator. The relay is operated with 24 VDC, at 5 ma. The unit has five color coded leads which are stripped tinned for easy hook-up. The plate mounts to most standard electrical outlet boxes. A protective cover for the relay insures a long, trouble free life.

Attenuator specifications are the same as described in the section above. HOW TO ORDER: All Soundolier standard attenuators are available as deluxe priority attenuators. Simply add -PA after the model number of standard attenuators. Example — AT35-PA, TA1500-PA, VC5K-PA, etc.

## LINE MATCHING TRANSFORMERS



Series LT line matching transformers are American made and are low in distortion and high in efficiency. The primary leads are color coded, stripped, tinned and ready for wire nuts while the secondary leads are tinned and ready for soldering. Power taps are clearly labeled.

Cat. No. Primary Taps  
LT70 70.7 volts C, .5, 1, 2, 5  
LT25 25 volts C, .5, 1, 2, 5

# STANDARD PUNCHED WALL PLATES

Soundolier wall plates are available in a variety of materials and sizes. They may be punched with 3/8" holes, furnished with a 3/8" polyethylene grommet or punched for a number of Cannon, Switchcraft or Amphenol connectors. All plates are avail-

able in box or strap mounting with the proper hardware included. Mounting holes are countersunk for 6-32 screws. Mounting yokes may be ordered separately when strap mounting is selected.

Description	Box Mounting—3-9/32" Centers				Strap Mounting—23/8" Centers			
	Model No.	Std. Pkg.	Std. Ctn.	Gangs	Model No.	Std. Pkg.	Std. Ctn.	Gangs
Blank	101	100	10	1	121	100	10	1
	102	50	10	2	122	50	10	2
	103	50	10	3	123	50	10	3
3/8" Dia. Hole	201	100	10	1	221	100	10	1
	202	50	10	2	222	50	10	2
	203	50	10	3	223	50	10	3
1/2" Dia. Hole	301	100	10	1	321	100	10	1
	302	50	10	2	322	50	10	2
	303	50	10	3	323	50	10	3
3/8" I.D. Grommet	401	100	10	1	421	100	10	1
	402	50	10	2	422	50	10	2
	403	50	10	3	423	50	10	3
Cannon XLR-3-13, XLR-3-14, XLR-4-13, XLR-4-14	501	100	10	1	521	100	10	1
	502	50	10	2	522	50	10	2
Switchcraft C3M, C4M, C3F, C4F								
Amphenol 91-855, 91-856, 91-859, 91-860								
Cannon XLR-3-13N, XLR-3-14N, XLR-4-13N, XLR-4-14N	601	100	10	1	621	100	10	1
	602	50	10	2	622	50	10	2
Switchcraft B3M, B4M	701	100	10	1	721	100	10	1
	702	50	10	2	722	50	10	2

**Material Prefixes:** Select material and prefix model number with proper letter. S = .031" Stainless Steel, A = .032" Aluminum.

## PLATES WITH CONNECTORS INSTALLED

Soundolier wall plates are also available with your choice of four Cannon connectors premounted at the factory. Each connector type may be used singly on one gang plate

or in pairs on two gang plates. Mounting procedures, finishes, materials and hardware are similar to Soundolier plates furnished without connectors (see above).

Type Connector Included	Box Mounting—3-9/32" Centers			Strap Mounting—23/8" Centers		
	Model No.	Std. Pkg.	Gangs	Model No.	Std. Pkg.	Gangs
XL-3-13	501-13C	6	1	521-13C	6	1
	502-13C	6	2	522-13C	6	2
XL-3-14	501-14C	6	1	521-14C	6	1
	502-14C	6	2	522-14C	6	2
XL-3-13N	601-13C	6	1	621-13C	6	1
	602-13C	6	2	622-13C	6	2
XL-3-14N	601-14C	6	1	621-14C	6	1
	602-14C	6	2	622-14C	6	2

**Material prefixes—**Same as standard wall plates without connectors. See above.

No. 238 mounting yokes may be purchased separately or with plates having strap mounting hole centers. Mounting centers are 3-9/32" for mounting to box and 2-3/8"

for mounting the plate to the yoke. Hardware is furnished. Standard packaging is 10 per carton and 100 per master.

## INTERCOM WALL PLATES

Series 2000 intercom plates are available in two and three gang models. The plates are of specification grade stainless steel with a beautiful brushed finish. Speaker mounting holes are available for 2-1/2" or 3" models. Plate mounting holes are stan-

dard and countersunk for 6-32 hardware. All plates use box mounting (3-9/32"). Plate mounting hardware is furnished. You may use 1/4" mounting holes with cup washers. Suffix catalog number with CW. Switch mounting hole is 15/32".

### HOW TO ORDER

Model	Gang	Speaker Size	Hole	Model	Gang	Speaker Size	Hole
S2002-2	2	2-1/2"	—	S2003-2	3	2-1/2"	—
S2002-3	2	3"	—	S2003-3	3	3"	—
S2002-2H	2	2-1/2"	1	S2003-2H	3	2-1/2"	1
S2002-3H	2	3"	1	S2003-3H	3	3"	1
S2002-2H2	2	2-1/2"	2	S2003-2H2	3	2-1/2"	2
S2002-3H2	2	3"	2	S2003-3H2	3	3"	2

Lettering styles as shown on intercom station assemblies available on request.

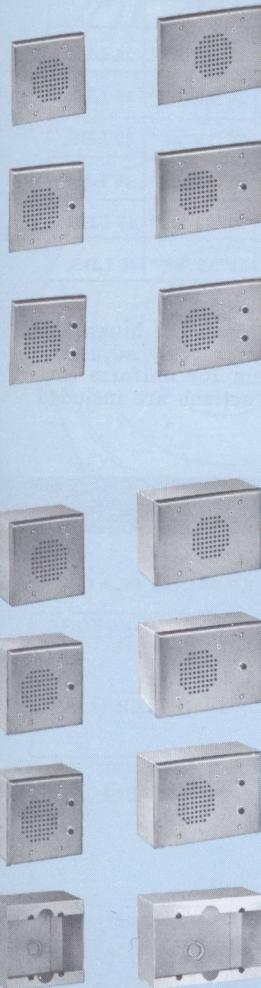


**SPEAKER #3-45**  
Size—3" Square  
Magnet Wt.—  
1.47 oz.  
Impedance—  
45 ohms  
Voice coil size—  
9/16"

**TERMINAL STRIP**  
#6-6  
Six screw-type  
terminals with brass  
tinned solder lugs.



**PUSH BUTTON**  
#1-2T  
Momentary action  
single pole double  
throw type. Contact  
rating 1/4 amp.



Here are prepackaged intercom assemblies from Soundolier that offer economy, convenience and variety—all from a single source. Over 16 different models of two and three gang assemblies are available with components mounted and ready for your individual wiring. The plates are of specification grade stainless steel with a beautiful brushed finish. The high quality speaker is a 3" model with an efficient 1.47 oz. magnet. Rivets mount the speaker securely to the plate. One or two momentary action single pole double throw type

switches are available which can be wired in the normally open or closed position. A six screw terminal strip with brass tinned solder lugs is riveted to the speaker for flexibility in wiring when switches are employed. All assemblies may be mounted to standard outlet boxes. Special intercom assemblies, pre-wired or with components only, are available upon request. Other materials such as aluminum or brass may be used and other forms of lettering such as silk screen and engraving are available. Write for full particulars.

**RECESS MOUNTING**—Series 3000 recessed intercom stations mount to conduit outlet boxes utilizing plaster rings of the required number of gangs. Masonry type boxes of the proper size can also be used. The total depth required for two and three gang models is 2 1/4". All components listed on the chart below are pre-mounted at the factory. Specifications for each component are listed under the picture.

**SURFACE MOUNTING**—Series 4000 surface intercom stations are similar to series 3000 stations except for the addition of a surface mounting enclosure (see below). All components listed on the chart below are pre-mounted at the factory. Specifications for each component are listed under the picture.

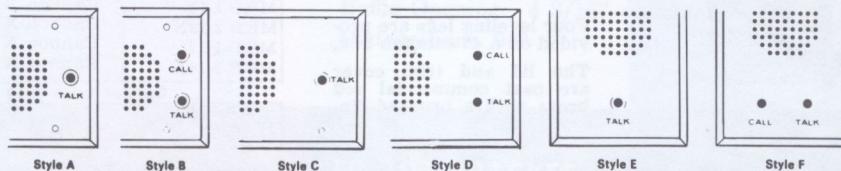
**ENCLOSURES**—Series 300 enclosures are designed to surface mount series 3000 intercom stations. It is finished with a neutral sand beige baked enamel. Two knockouts are provided—a combination knockout in the back of the box and a 1/2" knockout in the bottom. Two mounting holes are located so the enclosure can be mounted to a standard outlet box. This is an advantage when an existing box is too small (single gang box, handy box, etc.) to accept a series 3000 intercom station. Series 300 enclosure can be surface mounted directly to the existing box and the intercom then installed. Enclosure sizes are: 2 gang—4 1/2" x 4 1/8" x 2 1/2", 3 gang—4 1/2" x 6 3/8" x 2 1/2".

### HOW TO ORDER

Model	Gang	Switch	Enclosure	Lettering	Model	Gang	Switch	Enclosure	Lettering
3002	2	—	—	—	3012-A	2	1	—	Style A
3012	2	1	—	—	3022-B	2	2	—	Style B
3022	2	2	—	—	3013-C	3	1	—	Style C
3003	3	—	—	—	3013-E	3	1	—	Style E
3013	3	1	—	—	3023-D	3	2	—	Style D
3023	3	2	—	—	3023-F	3	2	—	Style F
4002	2	—	302	—	4012-A	2	1	302	Style A
4012	2	1	302	—	4022-B	2	2	302	Style B
4022	2	2	302	—	4013-C	3	1	303	Style C
4003	3	—	303	—	4013-E	3	1	303	Style E
4013	3	1	303	—	4023-D	3	2	303	Style D
4023	3	2	303	—	4023-F	3	2	303	Style F

### LETTERING STYLES

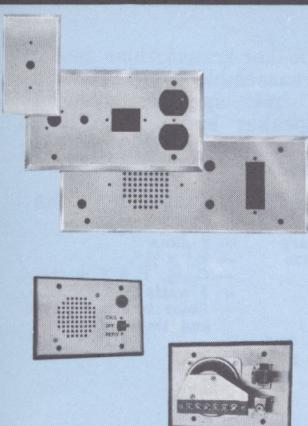
All lettering shown in styles A through F are stamped into the plate and filled with black paint. The height of each letter is 1/16". Styles A and B are used on series 3000 and 4000 two gang assemblies. Styles C and D are used on series 3000 and 4000 three gang assemblies. Styles E and F are used when three gang assemblies are mounted vertically. When lettering is desired, the style must be noted.

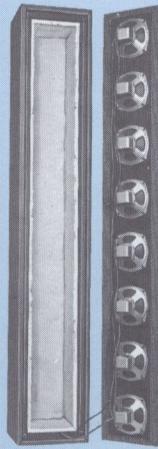


### SOUND INSTALLERS CUSTOMIZING KIT

A unique custom wall plate and intercom station assembly service is now available at Soundolier. You may specify a special or a standard intercom plate. You may add any of our standard parts such as speakers and switches or special parts which we can obtain for you. The unit can be assembled and wired at the factory. Our custom department stocks almost every conceivable punch and handles all the standard materials. In addition we stamp and paint fill, silk screen or engrave to your requirements. Whether your needs are modest or large, you will find the service excellent and the cost reasonable.

To avail yourself of this service, write for our Sound Installers Customizing Kit. This unusual kit allows you to quickly and conveniently outline your requirements. A written quotation is returned to you within 48 hours after we receive a completed form.





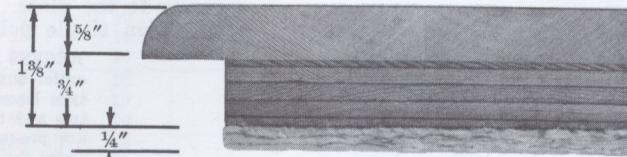
Soundolier offers a series of sound columns combining sturdy construction with fine wood finishes, all economically priced.

A choice of three fine furniture finishes is available: walnut, fruitwood, or natural blonde. Each column is stained and provided with a lustrous finish.

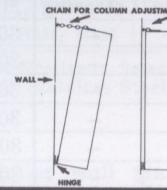
The 5" loudspeakers used are specially designed for these sound columns. The low frequency response has been purposely attenuated to minimize the possibility of feedback. Thus maximum power may be employed while maintaining intelligibility. When properly placed, Soundolier columns will provide complete coverage with no "dead spots". An additional feature is the provision of a covered opening in the back of the column for mounting a matching transformer.

A hinge and chain assembly is included with each column. Using this type of mounting, the column can be properly "aimed" for best coverage.

The columns are constructed of  $\frac{5}{8}$ " thick hardwood reinforced with  $\frac{3}{4}$ " plywood making a total thickness of 1 $\frac{1}{8}$  inches. In addition the interior is lined with  $\frac{1}{4}$ " acoustical padding.

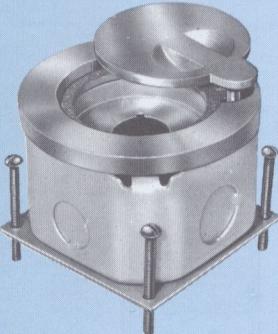


Model	Finish	Power Rating	Imp.	No. of Speakers	Speaker Size	Frequency Range	Size	Ship Wt.
CR25W	Walnut	25 Watts	8 Ohms	6	5"	180-10 Kc	36"x9"x8"	35 LBS.
CR25F	Fruitwood	25 Watts	8 Ohms	6	5"	180-10 Kc	36"x9"x8"	35 LBS.
CR25B	Blonde	25 Watts	8 Ohms	6	5"	180-10 Kc	36"x9"x8"	35 LBS.
CR40W	Walnut	40 Watts	16 Ohms	8	5"	160-10 Kc	52"x9"x8"	45 LBS.
CR40F	Fruitwood	40 Watts	16 Ohms	8	5"	160-10 Kc	52"x9"x8"	45 LBS.
CR40B	Blonde	40 Watts	16 Ohms	8	5"	160-10 Kc	52"x9"x8"	45 LBS.



Soundolier columns can be easily installed using the hinge and chain assembly supplied with each unit. By properly adjusting the chain, it is possible to "aim" the column for uniform coverage in the listening area. Mounting instructions are included with each column.

## MICROPHONE RECEPTACLE FLOOR BOX AND COVER



The Model MRB microphone receptacle floor box and cover outdates all other models of this type.

Tools are not required to lift the lid... therefore no lost lids! The unit is furnished with a mounting plate punched for a connector of your choice or with a connector installed at the factory. A matching carpet ring is optional.

Four leveling legs are provided on a 4" octagon box.

The lid and trim cover are cast commercial red brass with a brushed finish.

\*MODEL MRB WITH PUNCH OUT IN RECEPTACLE PLATE (connector not included).

CAT. NO.	MOUNTS FOLLOWING CONNECTORS
MRB-1	Cannon: XLR-3-13, XLR-3-14, XLR-4-13, XLR-4-14 Switchcraft: C3M, C3F, C4M, C4F
MRB-2	Amphenol: 91-855, 91-856, 91-859, 91-860
MRB-3	Cannon: XLR-3-13N, XLR-3-14N, XLR-4-13N, XLR-4-14N
MRB-4	Switchcraft: B3M, B4M Hubbell: 7586

\*Other knockouts available at slight additional cost.

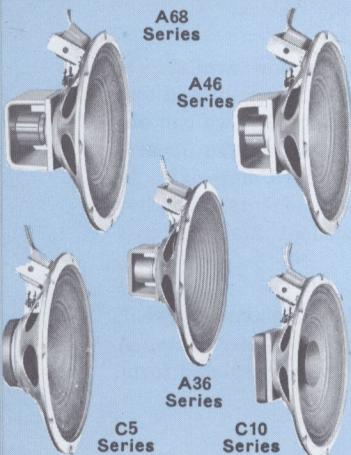
Model MRB complete with connector installed

CAT. NO.	INSTALLED CONNECTOR NO.
MRB-1-13	Cannon XL-3-13
MRB-2-13N	Cannon XL-3-13N
MRB-1-14	Cannon XL-3-14
MRB-2-14N	Cannon XL-3-14N

Carpet trim ring for model MRB (Must be ordered separately)

CAT. NO.	Carpet Trim Ring
MRB-TR	Carpet Trim Ring

## PREASSEMBLED SPEAKERS AND TRANSFORMERS



MODELS	A36T70 A36T25	A46T70 A46T25	A68T70 A68T25	C5T70 C5T25	C10T70 C10T25
Speaker diameter	8"	8"	8"	8"	8"
Frequency range	30-15K Hz	30-15K Hz	30-15K Hz	30-15K Hz	30-19K Hz
Magnet weight (oz.)	3.16 AL V	4.64 AL V	6.8 AL V	5.0 Cer.	10.0 Cer.
Coil Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Coil diameter	$\frac{3}{4}$ "	1"	1"	1"	1"
Axial sensitivity	96 db	97 db	103 db	96 db	100 db
Power handling*	15 watts	25 watts	25 watts	15 watts	25 watts
Flux Density	9200 lines/cm <sup>2</sup>	9500 lines/cm <sup>2</sup>	10,000 lines/cm <sup>2</sup>	9200 lines/cm <sup>2</sup>	10,000 lines/cm <sup>2</sup>
Depth	3 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	4 $\frac{1}{16}$ "	2 $\frac{1}{16}$ "	3"
Finish	Cad. Plate	Cad. Plate	Cad. Plate	Cad. Plate	Cad. Plate
Units per carton	16	12	12	16	16

\*Program

NEW — Model A36-45 8", 45 ohm V.C. — 3.16 oz A1.V

All speaker-transformer models are preassembled. See below for transformer specs and on left for speaker specs. You must order in integral cartons (see last line).

### TRANSFORMER SPECIFICATIONS

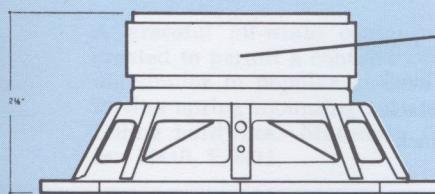
Primary Volts	— 70.7 (25*)
Secondary	— 8 ohms
Core Size	— $\frac{5}{8}$ " x $\frac{5}{8}$ "
Taps	— C, $\frac{1}{2}$ , 1, 2, 5 watts
Power	— 5 watts
Leads	— Color coded, stripped and tinned

T70 — 70.7 volts

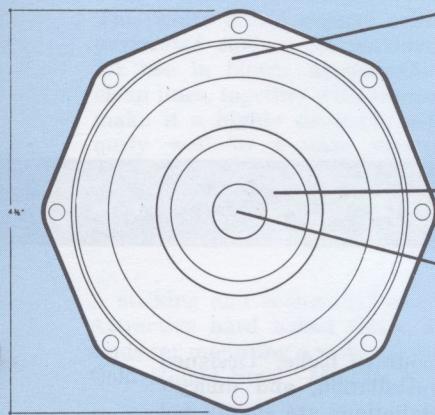
T25 — 25 volts

# 4+ Speaker/Baffle System<sup>®</sup>

## FC-104 SPEAKER



Ceramic magnet designed for maximum efficiency.



Cloth surround allows maximum amplitude important to low frequencies.  
Good bass reproduction even with small size.  
Whizzer cone disperses high frequencies.  
Voice coil specially constructed to allow a narrow gap in the magnetic structure.

Heretofore, the industry standard was the conventional eight inch speaker. That was until Soundolier's 4+.

The Soundolier 4+ Speaker. 4 $\frac{3}{8}$ " x 2 $\frac{1}{8}$ " deep. It marks a new dimension in quality. Compact size, outstanding voice and music reproduction. Perfect for low level commercial, contract and industrial use. For schools, public facilities, hospitals, anywhere a fine compact speaker is called for, the 4+ sets a new industry benchmark.

The Soundolier 4+ represents years of design research coupled with engineering skill, and innovative manufacturing techniques. The 4+ features a specially designed ceramic magnet with 10,500 Gauss, high compliance cone for fine low frequency reproduction and consistently smooth extended frequency response that could only be achieved previously with much larger speakers. And because of the Soundolier 4+ Speaker's wide angle (90°) of dispersion, economical distribution of speakers is facilitated. All this, plus a surprisingly modest cost, makes the Soundolier 4+ the new industry standard against which all other four inch speakers will be measured.

The Soundolier 4+ Speaker:

Model Number: FC-104

Power Capability: 10 watts program

Frequency Response: 60 to 18 KHz

Pressure Sensitivity: 95db (SPL at 4 ft. from 1 watt.)

E.I.A. Sensitivity: 48db

Impedance: 8 ohms

Cone Resonance: 85 Hz

Voice Coil Diameter: 3/4"

Magnet Type: Ceramic

Magnet Weight: 10 oz.

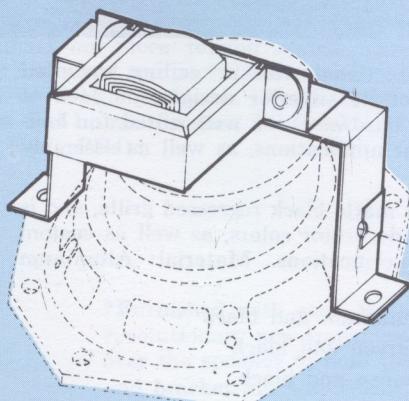
Flux: 10,500 Gauss

Terminals: solder lugs

Baffle Opening: 4 3/16" diameter

Distribution: 90°

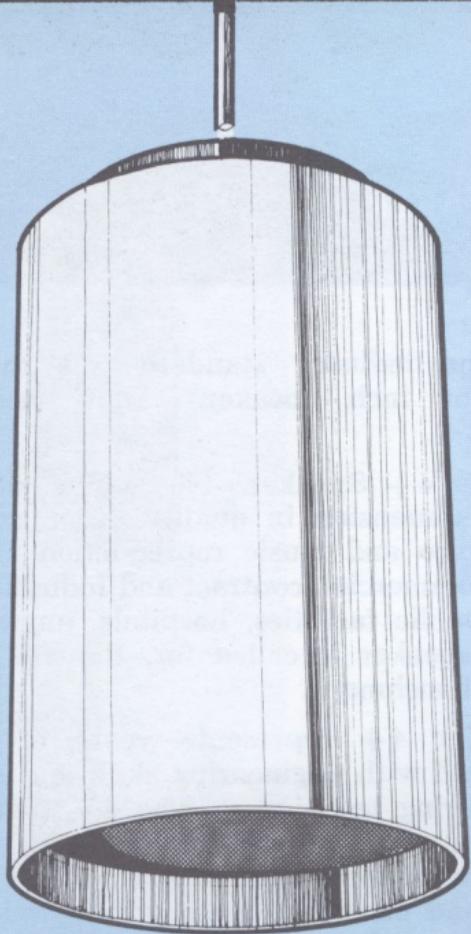
## FC 104 BRACKET



For the first time a transformer bracket has been designed which goes over the speaker to hold the transformer in proper position. The mounting bracket is supplied with all FC 104 speakers.

This bracket is furnished with all baffles that require torsion spring mounting and the catalog number is prefixed by the letter T. The bracket does not include the transformer.

The bracket cannot be purchased separately.

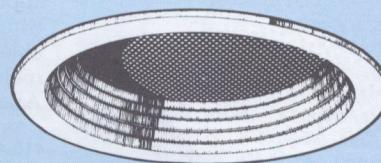


## T730-4 RECESSED BAFFLE

This handsome, two-tone recessed ceiling baffle has been designed to simulate the style of many recessed lighting fixtures, facilitating complete ceiling continuity. A clean, overall appearance is heightened by use of torsion spring mountings, thus eliminating the need for mounting holes. The T730-4 is available with satin black matte or charcoal grey regressed interior to contrast beautifully with its polar white rim. Material: Cold Rolled Steel. Mounts to E49, PR412.

T730-4B: satin black and white

T730-4G: charcoal grey and white



## T720-4 WHITE CEILING BAFFLE

A graceful all-white contour ceiling baffle. Specifically created to permit a cohesive ceiling continuity with detailing similar to popular modern lighting fixture trims and torsion spring mounting system to eliminate any exposed ceiling hardware. Material: Cold Rolled Steel. Mounts to: E410, PR411.



## T710-4 TOTALLY PERFORATED BAFFLE

This white baked enamel ceiling baffle features a totally perforated surface for maximum sound projection. Ideal for use in blown, acoustically treated ceilings. Simple, clean lines, together with torsion spring mounting assembly make it a highly desirable baffle that works, inconspicuously well in a wide variety of ceiling installations. Material: Cold Rolled Steel. Mounts to: E410, PR411.



## 51-4 TRIM RING BAFFLE

A striking and economical one-piece steel rim ring baffle. Attractive hard baked white enamel finish with speaker studs for mounting a wide variety of applications. Material: Cold Rolled Steel. Mounts to: 96-4, 96-4X, 76-4.



## T51-4 RECESSED TORSION MOUNT BAFFLE

The good looks of hard-baked white enamel on a basic functional baffle, with torsion spring mounting bracket and no visible mounting screws. Suitable for both conventional and unconventional wall and ceiling applications. Material: Cold Rolled Steel. Mounts to: E410, PR411.



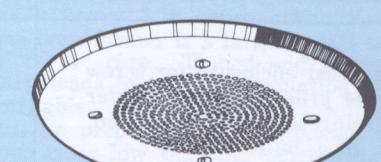
## 60-4 ALUMINUM TRIM RING BAFFLE

This is a beautiful, sturdy, one-piece satin brushed aluminum baffle. Its basic, simple lines complement contemporary architectural decor. Also available in satin brass and bronze to suit your specific needs. Material: Aluminum. Mounts to: 96-4, 96-4X, 76-4.

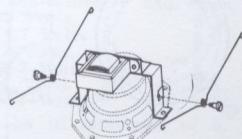


## T60-4 RECESSED TORSION MOUNT BAFFLE

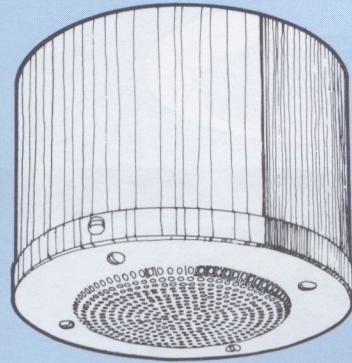
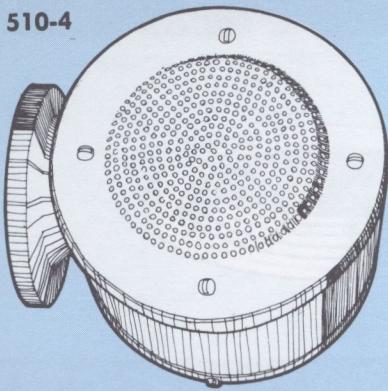
A smart one-piece torsion spring mounted baffle. The good looks and compact size of the T60-4 can solve a great deal of design problems. Available in satin aluminum, brass and bronze finishes. Material: Aluminum. Mounts to: E410, PR411.



\*Furnished with each Soundolier FC-104 speaker/transformer combination is a revolutionary new transformer/torsion spring mounting bracket. The bracket goes over the speaker to hold the transformer in the proper position. Torsion springs and bracket are also furnished with all models prefixed by T.



510-4



410-4

**510-4 BI-DIRECTIONAL BAFFLE**

A truly unique bi-directional baffle, with individualistic shape, compact size and appealing satin brushed aluminum finish. Sturdy construction makes it a highly desirable unit for a variety of applications, including institutional corridors. Material: Aluminum.

**410-4 SURFACE MOUNTING BAFFLE**

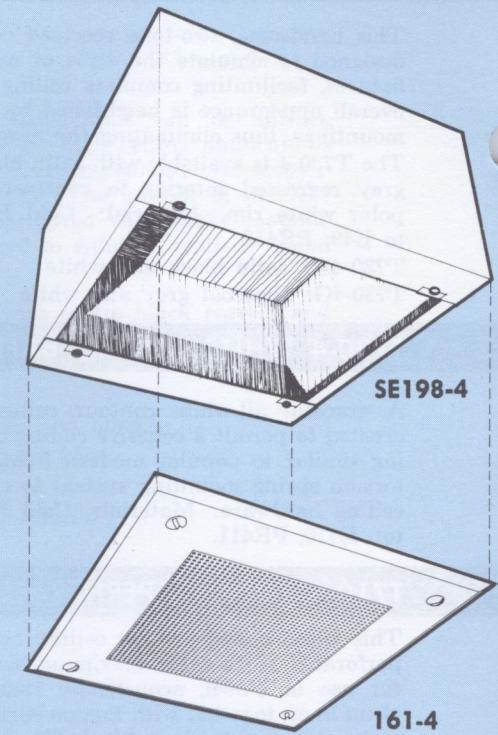
A satin brushed aluminum compact baffle that can be either wall or ceiling mounted. (Mounts to a 4" outlet box by means of keyhole slots in the rear of the housing.) Also available in satin bronze or brass finish. Material: Aluminum.

**SE 198-4 SURFACE MOUNTING SQUARE ENCLOSURE**

A graceful surface mounted square white baked enamel enclosure designed to fit a wide range of commercial and industrial applications. Includes heavy undercoating and special rust preventative coating for long life. Material: Cold Rolled Steel. Mounts to: 161-4.

**161-4 BAFFLE TRIM SQUARE**

Baked matte white steel trim square that facilitates a wide range of applications. Features include one-piece construction, mounting studs and "no leak" gasket. Material: Cold Rolled Steel. Mounts to: 198-4.



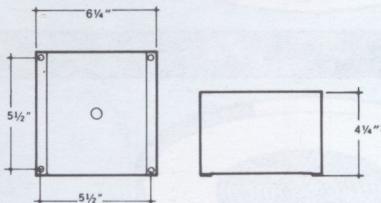
SE198-4

161-4

**ENCLOSURES, PLASTER RINGS, SUSPENSION HANGERS**

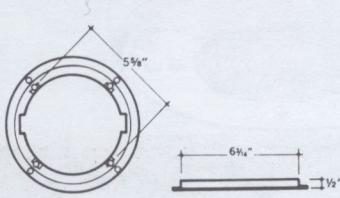
198-4

Square recessed enclosure. Heavy undercoat. Mounts: 161-4.



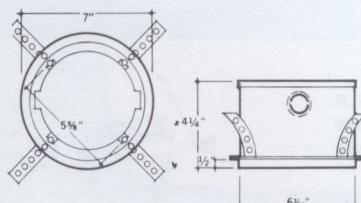
76-4

Circular plaster rings. Specially designed for screw mounted grille. Mounts: 51-4, 60-4.



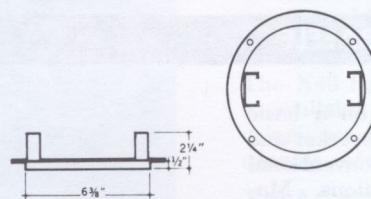
96-4

Compact recessed enclosure for screw mounting-type grille. Unique plaster flange. Undercoated and lined. Mounts to: 51-4, 60-4.



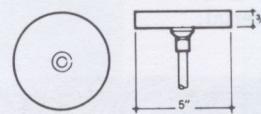
PR 411

Plaster ring for torsion spring mounted baffles. Mounts: T720-4, T710-4, T51-4, T60-4.



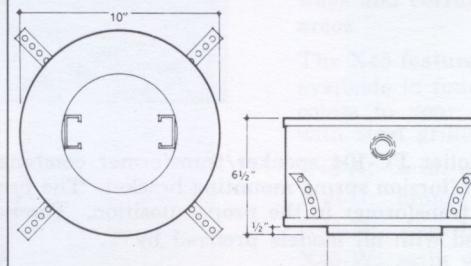
435

Suspension hanger, 1/2" steel tubing, includes all necessary hardware. Available in multiples of 1 ft. Mounts: X44.



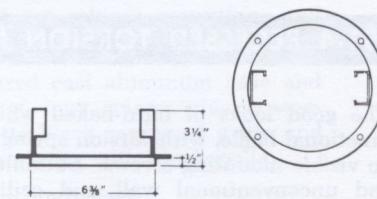
E 49

Recessed 1/4 cubic foot enclosure for torsion spring mounting of T730-4.



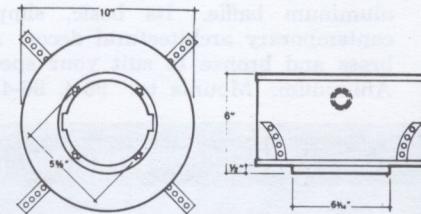
PR 412

Plaster ring for regressed baffles. Mounts: T-730-4.



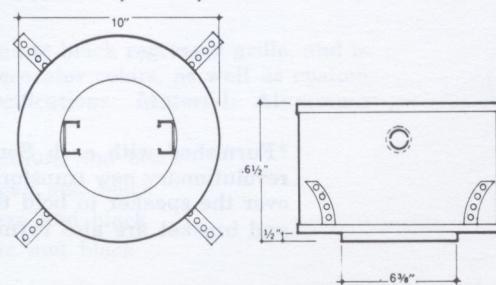
96-4X

1/4 cubic foot recessed enclosure for quality sound. Heavy undercoating and patched jute lined. Mounts: 51-4, 60-4.



E 410

Recessed enclosure, 1/4 cubic foot for torsion spring mounting of T720-4, T710-4, T51-4, T60-4.





## 6 SPEAKERS—OVER 150 COMBINATIONS

Soundolier, the originator of the pre-packaged baffle/speaker/transformer, now offers the most complete line of packages in the industry. Seventeen different baffles and six different speaker-transformer combinations are available.

First, the entire package is competitive in price with the individual components. Thus, the prepackaging becomes an extra bonus. Second, the prepackaging feature saves you the labor and material expense of repacking for the job site. Your installation costs are further reduced through the use of our conveniently stripped and tinned primary leads and our enclosed wire nuts. Third, your purchase of all three components can be made with one order from one source. Your overhead is reduced and your shipments are received quickly and efficiently. Finally, your choices seem endless. Over 150 combinations are available as standard items. Special baffle/speaker combinations are available upon request and at a definite price advantage.

	SPEAKER A	SPEAKER B	SPEAKER C	SPEAKER D	SPEAKER E
Size	8"	8"	8"	8"	8"
Magnet Weight	1.47 oz.	3.16 oz.	6.8 oz.	10.0 oz.	6.0 oz.
Magnet Material	Al. V	Al. V	Al. V	Ferrite	Ferrite
V.C. Diameter	3/4"	3/4"	1"	1"	1"
V.C. Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Flux Density	7,000	9,200	10,000	10,000	9,500
Sensitivity	82 db	87 db	103 db	100 db	88 db
Watts (Norm.)	5	6	8	8	8
Watts (peak)	8	10	12	12	12
Frequency Response	50/12,000 cps	40/15,000 cps	35/15,000 cps	** 35/19,000 cps	35/15,000 cps
Depth	2 1/8"	3 1/2"	4 1/8"	3"	2 7/8"
Transformer—Volts	70.7(*25)	70.7(*25)	70.7(*25)	70.7(*25)	70.7(*25)
Core size	5/8" x 5/8"	5/8" x 5/8"	5/8" x 5/8"	5/8" x 5/8"	5/8" x 5/8"
Taps	C,5,1,2,5	C,5,1,2,5	C,5,1,2,5	C,5,1,2,5	C,5,1,2,5

\*NOTE: Specify 70.7 volts or 25 volts

\*\* High Frequency Whizzer

## HOW TO ORDER

MODEL NUMBERS FOR ORDERING					
Baffle	Uses Enclosure Model**	Speaker A	Speaker B	Speaker C	Speaker D
51-8	95-8	A51-8	B51-8	*C51-8	D51-8
60-8	95-8	A60-8	B60-8	*C60-8	D60-8
61-8	95-8	A61-8	B61-8	*C61-8	D61-8
67-8	95-8	A67-8	*B67-8	*C67-8	D67-8
68-8	95-8	A68-8	B68-8	*C68-8	D68-8
161-8	198-8	A161-8	B161-8	*C161-8	D161-8
164-8	191-78	A164-8	B164-8	*C164-8	D164-8
169-8	193-8	A169-8	B169-8	*C169-8	D169-8
110-8	—	A110-8	B110-8	C110-8	D110-8
23-8	—	A23-8	B23-8	C23-8	D23-8
24-8	—	A24-8	B24-8	C24-8	D24-8
210-8	—	A210-8	B210-8	C210-8	D210-8
260-8	—	A260-8	B260-8	C260-8	D260-8
410-8	—	A410-8	B410-8	C410-8	D410-8
420-8	—	A420-8	B420-8	C420-8	D420-8
510-8	—	A510-8	B510-8	C510-8	D510-8
512-8	—	A512-8	B512-8	C512-8	D512-8

\*ENCLOSURES 1" deeper than normal

\*\*Combinations may be purchased with appropriate enclosure shown in this column by adding the suffix BX after model number.

## FD SERIES—Special package combination



Here is a value that cannot be duplicated in the sound industry. You may choose either a beautiful satin aluminum trim ring (our 60-8) or a durable baked white steel ring (our 51-8).

## FD SPECIFICATIONS

Size and description	.....	8" round
Magnet	.....	3.16 oz. Al. V
V.C. Diameter	.....	3/4"
V.C. Impedance	.....	8 Ohms
Flux Density	.....	10,000 Gauss
Sensitivity	.....	96 db
Power Handling Capacity	.....	15 Watts Program
Frequency Response	.....	30-15,000 cps
Depth	.....	3 3/8"
Transformer—Volts	.....	70.7(*25)
Transformer Size	.....	5/8" x 5/8"
Primary Taps	.....	C,5,1,2,5

\*Specify transformer volts by correct model number.

is wide in range and low in distortion and has a heavy 3.16 ounce alnico V magnet. The transformer is a large 5 watt unit with 5/8" x 5/8" core. Tinned and stripped primary leads make the installation easy and profitable. The components are high quality; the prepackaging is a bonus; and the price is so low that the purchasing of the speaker, baffle or transformer as individual units is now obsolete in our industry.

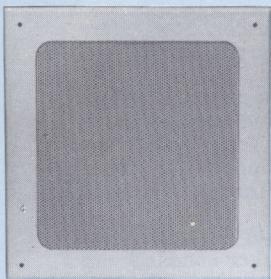
## HOW TO ORDER

Model No.	Trim Ring	Transformer	Std. Pack
FD25W	51-8	25 Volts	5
FD70W	51-8	70.7 Volts	5
FD25A	60-8	25 Volts	5
FD70A	60-8	70.7 Volts	5
FDP90025	P900	25 Volts	5
FDP90070	P900	70.7 Volts	5

NOTE: All orders must be in multiples of 5.

All FD models mount to 95-8, 96-8, 199-8 enclosures or 75-8, 76-8, P77-8, P78-8 plaster rings.

## TRIM SQUARES



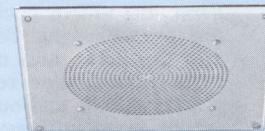
## 164 Series

The 164 series is an attractive beveled edge steel trim square with a rectangular speaker cutout. A separate mounting plate prevents bass leak. The standard finish is flat polar white.

Cat. No.	Encl.	Pl.	Ring	Dimen.
164-8	191-78	177-78		12 $\frac{1}{2}$ " Sq.
164-12	Q33-E, Q35-E	—		15" Sq.
164-15	Q36-E	—		20" Sq.

Number following series designation indicates speaker size.

## TRIM SQUARES



## 169 Series

The 169 series is an economical one piece steel trim square with a hard baked flat polar white finish.

Cat. No.	Encl.	Dimen.
169-8	193-8	10 $\frac{1}{2}$ " Sq.

Number following series designation indicates speaker size.

## SEMI-RECESSED WALL BAFFLES



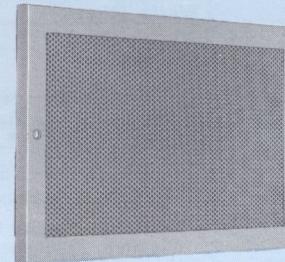
## 460 Series

The 460 series is a brushed aluminum semi-recessed controlled directional wall baffle with a 15 degree offset. Brass or bronze finish is also available.

Cat. No.	Encl.	Pl.	Ring	Dimen.
460-8	95-8	75-8,76-8	12 $\frac{1}{4}$ " Dia.	

Number following series designation indicates speaker size.

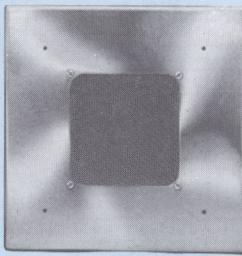
## CONCRETE BLOCK REPLACEMENT



## 166 Series

The 166 series is an attractive beveled edge steel concrete block replacement baffle with a separate mounting plate to prevent bass leak. The standard finishes are flat polar white or aluminum paint.

## TRIM SQUARES

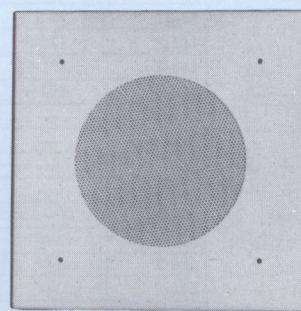


## 165 Series

The 165 series is a beautiful satin brushed aluminum trim square with a separate steel screen finished in aluminum paint. Also available in satin brass or bronze. (Suffix BS and VE respectively).

Cat. No.	Encl.	Pl.	Ring	Dimen.
165-8	95-8,	75-8,76-8		12" Sq.
	96-8,	P77-8,P78-8		
	199-8			

Number following series designation indicates speaker size.



## 63 Series

The 63 series is an economical beveled two piece trim square with speaker mounting studs. The standard finishes are flat polar white and aluminum paint.

Cat. No.	Encl.	Pl.	Ring	Dimen.
63-8	95-8,	75-8,76-8		12 $\frac{1}{2}$ " Sq.
	96-8,	P77-8,P78-8		
	199-8			

Number following series designation indicates speaker size.

## TRIM SQUARES



## 160 Series

The 160 series is a trim square with a variety of finishes and ample space for control mounting. Available in aluminum or steel.

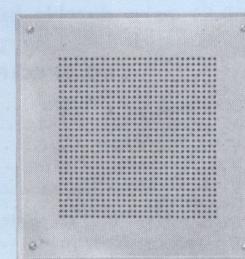
## 168 Series

The 168 series is a flat polar white trim square with a beautiful polystyrene plastic louver. A space is provided for control mounting.

Cat. No.	Encl.	Finish	Mat'l
160-8 SWG	198-8	Wh Gold	Steel
160-8 SWA	198-8	Wh Alum	Steel
160-8 AL	198-8	Alum Wh	Alum
160-8 BS	198-8	Brass Wh	Alum
160-8 BE	198-8	Bron Gold	Alum
168-8	191-78	Wh	Steel

Dimensions: 160 Series, 11 $\frac{1}{2}$ " Sq.  
168 Series, 12" Sq.

Number following series designation indicates speaker size.

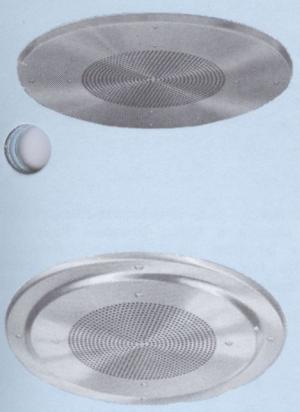


## 161 Series

The 161 series is a baked matte white steel one piece trim square featuring speaker mounting studs and a "no leak" gasket.

Cat. No.	Encl.	Dimen.
161-8	198-8	11 $\frac{1}{2}$ " Sq.

Number following series designation indicates speaker size.

**60 Series**

The 60 series is a beautiful satin brushed one piece aluminum trim ring. Also available in satin brass and bronze (suffix with BS and BE respectively).

**M222**

Model M222 is a satin brushed aluminum trim ring constructed in one piece. Also available in satin brass and bronze. Suffix with BS or BE respectively.

**Cat. No. Encl. Pl. Ring Diam.**

60-6	95-6	75-6,76-6	11"
60-8	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
	199-8		
60-10	95-12	75-12,76-12	17 1/4"
60-12	95-12	75-12,76-12	17 1/4"
M222	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
	199-8		

Number following series designation indicates speaker size.

**LOW CEILING RECESSED BAFFLES****68 Series**

The 68 series is a brushed aluminum trim ring with a beautiful satin brushed aluminum diffractor for the elimination of beaming in low ceiling installations. Also available in satin brass or bronze (suffix with BS and BE respectively).

<b>Cat. No.</b>	<b>Encl.</b>	<b>Pl. Ring</b>	<b>Diam.</b>
68-6	95-6	75-6,76-6	11"
68-8	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
	199-8		

Number following series designation indicates speaker size.

**LOUVERED TRIM RING AND TRIM SQUARE****162 Series**

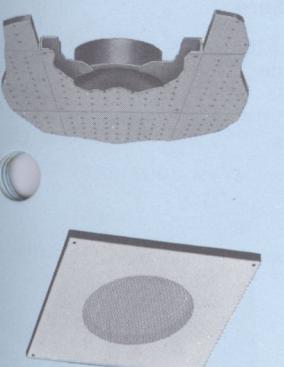
The 162 series is a beautifully brushed aluminum trim ring with the exclusively new acoustilouver molded of polystyrene. Also available in satin brass or bronze (suffix with BS and BE respectively).

**18 Series**

The 18 series is a square louvered recessed ceiling diffuser featuring two piece construction which eliminates bass "leak". The standard finish is aluminum paint. Also available in Polar White.

<b>Cat. No.</b>	<b>Encl.</b>	<b>Pl. Ring</b>	<b>Diam.</b>
162-6	95-6	75-6,76-6	11"
162-8	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
	199-8		
162-10	95-12	75-12,76-12	17 1/4"
162-12	95-12	75-12,76-12	17 1/4"
18-8	196-78	-, -	12 1/2" sq.

Number following series designation indicates speaker size.

**ACOUSTICAL TILE REPLACEMENT BAFFLES****10 Series**

The 10 series is an acoustical tile replacement to match regular or random perforations. Suffix with R when random is desired.

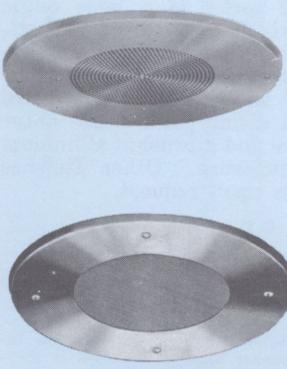
**12 Series**

The 12 series is an acoustical tile replacement without perforations.

<b>Cat. No.</b>	<b>Encl.</b>	<b>Pl. Ring</b>	<b>Diam.</b>
10-8	95-8	75-8,76-8	12" x 12"
	96-8	P77-8, P78-8	
	199-8		
12-8	95-8	75-8,76-8	12" x 12"
	96-8	P77-8, P78-8	
	199-8		

Number following series designation indicates speaker size.

Thickness is  $5/8"$  unless otherwise specified.

**51 Series**

The 51 series is an economical one piece steel trim ring with a hard baked white finish.

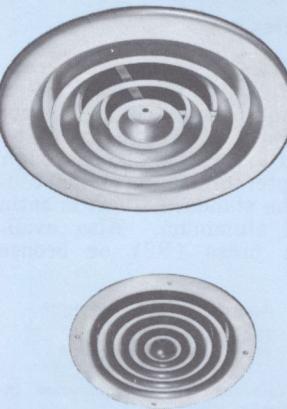
**61 Series**

The 61 series is a satin brushed steel trim ring with a clear hard baked varnish coating. A unique welded stud arrangement for speaker mounting eliminates screw heads. Also available in white prime (suffix with P).

**Cat. No. Encl. Pl. Ring Diam.**

51-8	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
	199-8		
61-6	95-6	75-6,76-6	11"
61-8	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
	199-8		
61-10	95-12	75-12,76-12	17 1/4"
61-12	95-12	75-12,76-12	17 1/4"

Number following series designation indicates speaker size.

**LOUVERED RECESSED CEILING BAFFLES****66 Series**

The 66 series is a louvered recessed ceiling diffuser. The standard finish is a satin steel with a baked coating resembling stainless steel.

**67 Series**

The 67 series is an economical recessed ceiling diffuser. The standard finish is aluminum paint. Also available in flat polar white.

<b>Cat. No.</b>	<b>Encl.</b>	<b>Pl. Ring</b>	<b>Diam.</b>
66-6	95-8	75-8,76-8	12 1/4"
	96-8	P77-8, P78-8	
66-8	95-10	75-10,76-10	15 1/4"
66-10	95-12	75-12,76-12	17 1/4"
66-12	95-12	75-12,76-12	17 1/4"
67-8	95-8	75-8,76-8	12"
	96-8	P77-8, P78-8	

Number following series designation indicates speaker size.

**WIDE ANGLE RECESSED CEILING BAFFLES****110 Series**

The 110 series is a wide angle baffle which features an acoustical horn radiating the sound energy from the rear of the speaker as well as the front. The plaster ring, 4" outlet box and hardware is included. Standard finish is a polar white outer enclosure and a brushed aluminum inner enclosure. Other finishes available upon request.

**Cat. No. O. D. Height**

110-6	14 5/8"	5 1/2"
110-8	16 3/8"	5 3/4"
110-10	20 3/4"	8"
110-12	20 3/4"	8"
112-8	20 3/4"	8"

Number following series designation indicates speaker size.

112-8 is identical in size to the 110-12 except provides for an 8" speaker.

**ACOUSTICAL TILE REPLACEMENT BAFFLES****15 Series**

The 15 series is an acoustical tile replacement to simulate striated tile.

**17 Series**

The 17 series is an acoustical tile replacement with a louvered diffuser.

<b>Cat. No.</b>	<b>Encl. Pl. Ring</b>	<b>Diam.</b>
15-8	95-8, 75-8,76-8	12" x 12"
	96-8,	
	199-8 P77-8, P78-8	
17-8	95-8, 75-8,76-8	12" x 12"
	96-8,	
	199-8 P77-8, P78-8	

Number following series designation indicates speaker size.

Thickness is  $5/8"$  unless otherwise specified.

**210 Series**

The 210 series is a wide angle baffle which features an acoustical horn radiating the sound energy from the rear of the speaker as well as the front. Standard finish is a flat polar white outer enclosure and a brushed aluminum inner enclosure. Other finishes available upon request.

Cat. No.	O.D.	Height
210-6	12"	4"
210-8	14 1/8"	4 1/4"
210-12	18 1/4"	6 1/2"
212-8	18 1/4"	6 1/2"

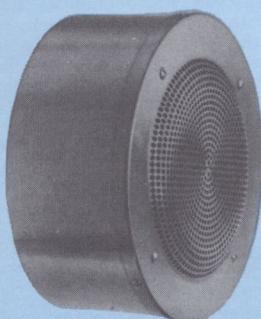
Number following series designation indicates speaker size. The 212-8 is identical in size to the 210-12 except it provides for an 8" speaker.

**SURFACE CEILING BAFFLES****260 Series**

The 260 series is a surface ceiling baffle with four bass reflex ports and concentric reinforcement rings. The unit may be mounted to an outlet box through an adapter or direct to the ceiling. The standard finish is satin brushed aluminum. Also available in brass (BS) or bronze (BE).

Cat. No.	Adapter O.D.	Height
260-6	183-6	11 1/4" 3 5/8"
260-8	183-8	13 1/2" 4 1/8"

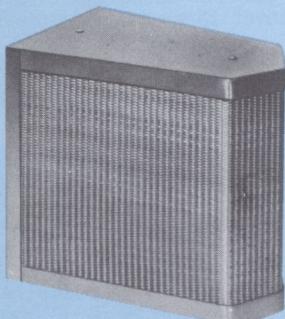
Number following series designation indicates speaker size.

**SURFACE MOUNTING WALL BAFFLES****410 Series**

The 410 series is a compact satin brushed aluminum wall baffle and mounts to a 4" outlet box or direct to wall. The unit is also available in satin brass (BS) or bronze (BE).

Cat. No.	Diam.	Depth
410-6	8"	4 3/4"
410-8	9 1/8"	5 1/4"

Number following series designation indicates speaker size.

**BIDIRECTIONAL CORRIDOR BAFFLES****512 Series**

The 512 series is an attractive bidirectional corridor baffle. The inner chamber is designed for maximum front to back path length. The standard finish is satin brushed aluminum. Also available in satin brass (BS) and satin bronze (BE).

Cat. No.	Height	Length
512-6	9 1/8"	10 3/4"
512-8	9 1/8"	10 3/4"

Number following series designation indicates speaker size.

**23 Series**

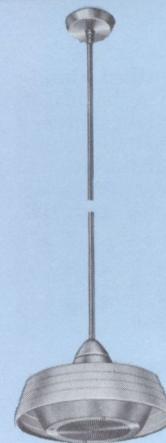
The 23 series is a low ceiling baffle with a polished aluminum diffraction to eliminate beaming. Adapters available for mounting to outlet boxes. The standard finish is satin brushed aluminum.

**24 Series**

The 24 series is a louvered ceiling baffle which blends a satin brushed body and a clear brushed steel louver. Adapters available for mounting to outlet boxes. The standard finish is satin brushed Al.

Cat. No.	Adapter O.D.	Height
23-6	182-6	14" 4 3/4"
23-8	182-8	16 1/4" 5 1/2"
24-8	181-8	16 1/8" 5 3/4"

Number following series designation indicates speaker size.

**SUSPENSION BAFFLES****310 Series**

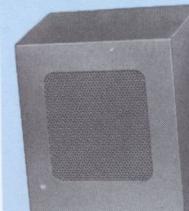
The 310 series is similar to the 210 series (see 210 for specifications) except it is suspended with the 335 series (must be ordered separately). The husk is satin brushed aluminum.

**315 Series**

The 315 series is a spherical suspension baffle with a large volume for a smooth bass. It is suspended with the 335 series (must be ordered separately). The standard finish is satin brushed aluminum.

Cat. No.	O.D.	Height
310-8	14 1/8"	8 3/4"
310-12	18 1/4"	11 3/4"
312-8	18 1/4"	11 3/4"
315-8	18"	16 5/8"

Number following series designation indicates speaker size.

**CONTROLLED DIRECTIONAL WALL BAFFLES****415 Series**

The 415 series is a controlled directional surface wall baffle with separate mounting arms which eliminates front screw heads. The standard finish is sprayed aluminum paint. The unit is also available in flat polar white.

**420 Series**

The 420 series is a satin aluminum controlled directional wall baffle achieved through a unique metal spinning operation. The unit is also available in satin brass (BS) or satin bronze (BE).

Cat. No.	Width	Height
415-8	10 3/4"	13 3/4"
Cat. No.	Diam.	Depth
420-8	12 1/8"	5 3/4"

Number following series designation indicates speaker size.

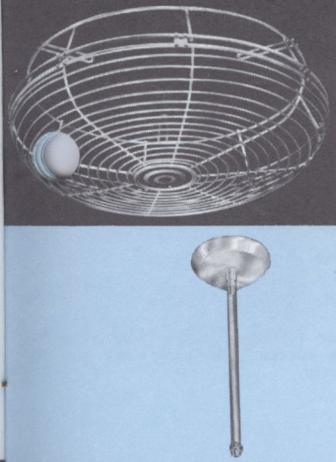
**BIDIRECTIONAL CORRIDOR BAFFLES****510 Series**

The 510 series is a bidirectional corridor baffle. The standard finish is brushed satin aluminum. The unit is also available in satin brass (BS) or satin bronze (BE).

Cat. No.	Diam.	Depth
510-6	8 5/8"	5"
510-8	10"	5 1/2"

Number following series designation indicates speaker size.

# SUSPENSION HANGERS AND SAFETY GUARDS



## 235 Series

The 235 series is an attractive heavy gauge wire guard to be used where baffle and speaker protection are necessary. The finish is bright cadmium plate.

Cat. No. Fits Baffle No.

235-78-SN	310-8
235-78-SE	210-8
235-1012-SN	310-10, 310-12, 312-8
235-1012-SE	210-10, 210-12, 212-8

## 335 Series

The 335 series is a suspension hanger which includes a brushed aluminum canopy, a nickel plated hangstraight swivel, zinc plated  $\frac{1}{2}$ " steel rod and necessary hardware. Mounts direct to an outlet box.

Cat. No. Length

335-1	1'
335-2	2'
335-3	3'

## PROTECTIVE ENCLOSURES

### 95 Series

The 95 series is a cylindrical protective enclosure which is undercoated, patched jute lined and contains four triple compound KO's. The unit can be used for new or existing construction. A separate plaster ring is not needed. Greater or less length is available upon request.

Cat. No. I.D. Depth

95-6	8 $\frac{1}{4}$ "	4"
95-8	9 $\frac{1}{8}$ "	4 $\frac{1}{4}$ "
95-10	12 $\frac{1}{8}$ "	7"
95-12	14 $\frac{1}{8}$ "	7"

## SQUARE PROTECTIVE ENCLOSURES

### 191, 193, 196, 197, 198 Series

The 191, 193, 196, 197, 198 series are rectangular or square enclosures with knockouts and undercoating. All units have a rust preventative coating.

191-78	11 $\frac{1}{8}$ " x 11 $\frac{1}{8}$ " x 4"
193-8	9 $\frac{1}{8}$ " x 9 $\frac{1}{8}$ " x 3 $\frac{1}{4}$ "
196-78	11 $\frac{1}{4}$ " x 11 $\frac{1}{4}$ " x 4 $\frac{1}{8}$ "
197-78	15 $\frac{1}{4}$ " x 7 $\frac{1}{4}$ " x 3 $\frac{1}{8}$ "
198-8	10 $\frac{1}{8}$ " x 10 $\frac{1}{8}$ " x 3 $\frac{1}{8}$ "

Note: 191-78 and 198-8 available for surface mounting: prefix with SM.

## CLOCK-SPEAKER BAFFLE ENCLOSURES

### 192, 194, 195 Series

The 192, 194, 195 series are rectangular enclosures used on various clock baffles. They all have knockouts, undercoating and a rust preventative finish.

Cat. No. Dimensions

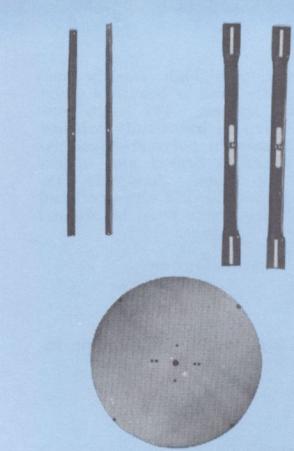
192-89	26 $\frac{1}{4}$ " x 12 $\frac{1}{8}$ " x 3"
192-812	33 $\frac{1}{2}$ " x 16" x 3"
194-89	24 $\frac{1}{2}$ " x 12" x 3"
194-812	31 $\frac{1}{4}$ " x 15 $\frac{1}{8}$ " x 3"
195-89	24" x 12" x 3"
195-812	31 $\frac{1}{4}$ " x 15 $\frac{1}{8}$ " x 3"

### E850 Series

The Model E850 is a 16 ga. C.R.S. recessed enclosure divided into three sections, with switch area subdivided.

Cat. No.	Dimensions
E850	31" x 15 $\frac{1}{2}$ " x 3"

# CHANNEL SUPPORTS / MOUNTING ADAPTERS 21



## 180 Series

The 180 series is a channel set for suspended ceilings. It will mount to any type of enclosure.

## 186 Series

The 186 series is a set of adjustable mounting bars for enclosure or plaster ring positioning.

Cat. No.	Description
180-2	for 2' span
180-4	for 4' span
186-16	16" span
186-24	24" span

## 181, 182, 183 Series

The 181, 182, 183 series are adapter plates designed to mount surface enclosures to an outlet box, 1900 box or gem box.

Cat. No.	Mounts	Cat. No.	Mounts
181-8	24-8	183-6	260-6
182-6	23-6	183-8	260-8
182-8	23-8		

## PROTECTIVE ENCLOSURES

## 96-8

Model 96-8 is a welded cylindrical protective enclosure incorporating an unusual plaster flange. Undercoated and patch jute lined. Has four triple compound KO's. Standard depth 4 $\frac{1}{4}$ ". Greater depths available on request.

Cat. No.	Pl. Ring I.D.	Depth
96-8	11 $\frac{1}{8}$ "	4 $\frac{1}{4}$ "

## 199-8

Popular square enclosure designed to mount many round and square baffles. 18 ga. CRS construction, undercoated to prevent acoustical and mechanical resonance. Four compound KO's.

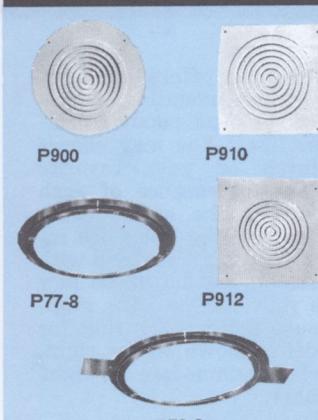
Cat. No.	Dimensions
199-8	8 $\frac{1}{4}$ " x 8 $\frac{1}{4}$ " x 3 $\frac{1}{8}$ "

## PLASTER RINGS/PLASTER FRAMES

Our complete line of  
Plaster Rings and Plaster Frames  
can be found on Page 4.

Plaster Rings and Plaster Frames  
for our new 4+Speaker and  
Baffle line are on Page 16.

## PLASTIC BAFFLES AND PLASTER RINGS



Soundolier P Series baffles are made of high impact polystyrene plastic in attractive polar white. Acoustical louvers are designed for maximum sound transmission and dispersion. Hidden self-tapping screws mount standard 8" speaker.

Cat. No.	Encl.	Pl. Ring	Dimen.
P900	95-8	P77-8, P78-8,	12 $\frac{1}{4}$ " Dia.

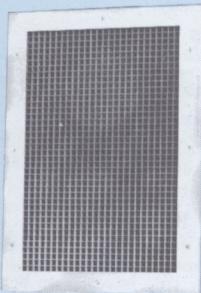
75-8, 76-8 10 $\frac{1}{2}$ " sq.

P910 193-8 ... 12 $\frac{1}{2}$ " sq.

P912 198-8 ... 12 $\frac{1}{2}$ " sq.

Soundolier P Series plaster rings are made of high impact polystyrene plastic. May be used in new or existing construction. For existing construction, simply cut 12" diameter hole, snap plaster ring at "break slot" and thread plaster ring in position. The P78-8 exhibits extended mounting bars for ease of installation.

Cat. No.	I. D.
P77-8	10 $\frac{1}{4}$ "
P78-8	10 $\frac{1}{4}$ "



### 800 Series

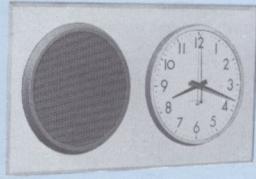
The 800 series is a high fidelity bass reflex wall baffle with a beautiful polystyrene plastic louver. The unit consists of three parts, a beautifully polished steel frame, a modern polystyrene acoustilouver grille and a braced and undercoated mounting plate. Available finishes are brass, bronze and clear polished steel. The plaster frame must be ordered separately.

Cat. No. Pl. Frame Dimen.

800-8 178 27" x 19"  
800-12 178 27" x 19"

Number following series designation indicates speaker size.

## ECONOMICAL CLOCK-SPEAKER WALL BAFFLE



### 830 Series

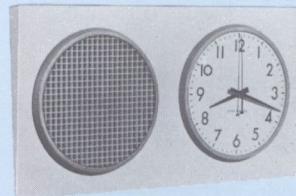
The 830 series is a combination clock and speaker baffle with a double action spring system that eliminates tools when servicing. The panel finish is flat polar white. The clock is not furnished-name of clock and model must be furnished for proper mounting.

Cat. No. Encl. Dimen.

830-89 194-89 26½" x 14"  
830-812 194-812 33¾" x 17¾"

Number following series designation indicates speaker size and clock size respectively.

## RECESSED CLOCK-SPEAKER WALL BAFFLE



### 820 Series

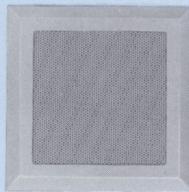
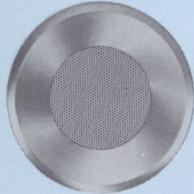
The 820 series is a combination clock and speaker baffle with a unique polystyrene louver and an offset panel for better sound coverage and light reflection on the clock. A double action spring system and hinge avoids the use of tools in servicing. The panel finish is flat polar white. The clock is not furnished-name of clock and model must be furnished for proper mounting.

Cat. No. Encl. Dimen.

820-89 192-89 26¾" x 14½"  
820-812 192-812 34" x 18"

Number following series designation indicates speaker size and clock size respectively.

## RECESSED TORSION SPRING BAFFLES



### T610 and T620 Series

The T610 and T620 series are attractive torsion spring baffles, round and square respectively. The T610 is a satin brushed steel trim ring with a clear hard baked varnish coating. The T620 is a flat polar white trim square with a separate mounting plate to avoid bass leaks.

Cat. No. Encl. Pl. Ring Dimen.

T610-8 T95-8 T75-8, T76-8 12½" Dia  
T620-8 T198-8 - - - 11½" Sq.

Number following series designation indicates speaker size.

## RECESSED CLOCK-SPEAKER WALL BAFFLE



### 840 Series

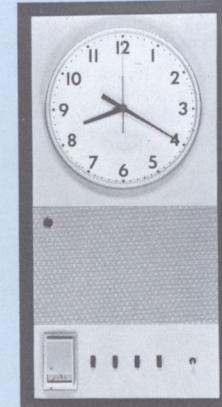
The 840 series is a combination clock and speaker baffle with an attractive perforated front and a sub plate for proper acoustical design. The panel finish is flat polar white. The clock is not furnished-name of clock and model must be furnished for proper mounting.

Cat. No. Encl. Dimen.

840-89 195-89 26½" x 13½"  
840-812 195-812 33¾" x 17¾"

Number following series designation indicates speaker size and clock size respectively.

## RECESSED CLOCK-SPEAKER-CONTROL PANEL



### 850 Series

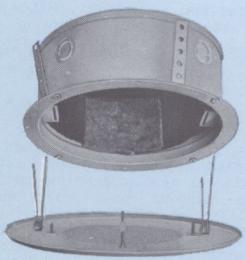
The Model NC850 is a combination clock panel, loudspeaker baffle and control panel. Mounts any clock (indicate model) and any 8" speaker. Locked hinged door and provisions to mount thermostat, toggle light switches and "call-in" switch. Indicate holes desired. Finish is dark brown and light beige. The model E850 is a matching recessed enclosure divided into three sections, with switch area subdivided.

Cat. No. Dimensions  
NC 850 33¼" x 17¾" x 1"  
E 850 31" x 15½" x 3"

#### Control Panel Hole Specs.

Thermostat 5/8"  
Light Toggle 13/32" x 1 1/8"  
Call-In Hole 5/8", 1/2" or 5/8"

## STANDARD MODELS WITH TORSION SPRING OPTION



Soundolier now offers the new torsion spring mounting for a number of the most popular models in our line. You may choose from eleven of your favorite styles. The appearance of each model remains the same. Only the baffle mounting holes are removed. If you are concerned with labor costs on the job, these new units are your answer. The proper enclosure and plaster ring for each model is shown on the right. All models accommodate an eight inch speaker.

#### Baffle

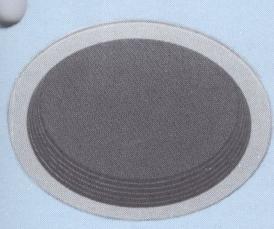
T18-8  
T51-8  
T60-8  
T61-8  
T66-8  
T67-8  
T68-8  
T162-8  
T164-8  
T169-8  
TM222

#### Enclosures

T196-78  
T95-8, T96-8, T199-8  
T95-8, T96-8, T199-8  
T95-8, T96-8, T199-8  
T95-10  
T95-8, T96-8  
T95-8, T96-8, T199-8  
T95-8, T96-8  
T191-78  
T193-8  
T95-8, T96-8, T199-8

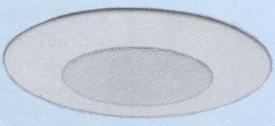
#### Plaster Rings

—  
T75-8, T76-8  
T75-8, T76-8  
T75-8, T76-8  
T75-10, T76-10  
T75-8, T76-8  
T75-8, T76-8  
T75-8, T76-8  
T177-78  
—  
T75-8, T76-8



The T730-8 is a superbly designed grille featuring a two-tone finish-matte white outer trim with contrasting charcoal grey or black finish on the inner recessed steps. This outstanding grille is completely welded thus eliminating vibration and rattle. Torsion springs are supplied for mounting to either a recessed enclosure or mounting ring, thus eliminating unsightly mounting holes. Will accommodate any 8" speaker.

Cat. No. Encl. Pl. Ring Di. Color  
T730-8-B T195-8 T175-8 11" White/Black  
T730-8-G T195-8 T175-8 11" White/Grey

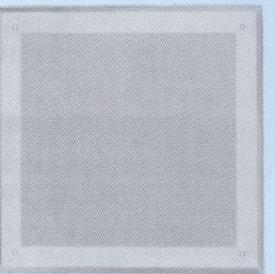


The T720-8 is an attractive recessed grille designed for use with any standard 8" speaker. The modern contour design plus the use of torsion springs, which eliminates all visible hardware, makes this grille ideal for the progressive sound specialist. The grille is completely welded thus eliminating vibration. Finish is baked white enamel. Will mount to either a recessed enclosure or mounting ring.

Cat. No. Encl. Pl. Ring Diam  
T720-8 T95-8 T75-8 12"

## RECESSED TORSION SPRING BAFFLE

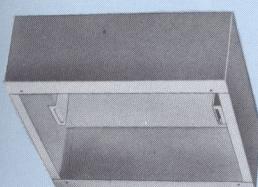
## TRIM SQUARE



Model T710-8 is a torsion spring mounting grille featuring an all-perforated screen design. This attractive grille is constructed of sturdy cold rolled steel with a baked white enamel finish. Speaker mounts to grille by means of welded studs on rear of grille. Will mount to either a recessed enclosure or mounting ring. Will accommodate any standard 8" speaker.

Cat. No. Encl. Pl. Ring Diam  
T710-8 T95-8 T75-8 12 $\frac{3}{4}$ "

## SURFACE ENCLOSURE



Model SE175-4 is a surface mount ceiling baffle constructed of 20 gauge C. R. S. and finished in baked white enamel. This attractive, functional box has provisions for accommodating either a conventional screw type trim square or a torsion spring trim square. User must order trim square separately. Complete hardware included.

Cat. No. Will accommodate Dim.  
grille  
SE175-4 161-8, T620-8 11 $\frac{5}{8}$ " x  
11 $\frac{5}{8}$ " x  
4" deep

## TORSION SPRING PROTECTIVE ENCLOSURE



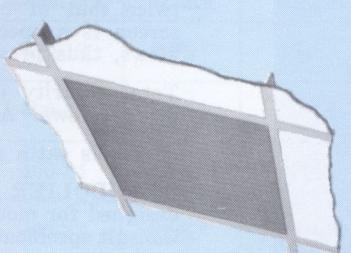
Model T195-8 is a welded cylindrical protective enclosure which is undercoated and contains four triple compound knock-outs. Enclosure has provisions for accepting torsion spring baffle. Enclosure is constructed of heavy gauge steel and protected with rust preventative coating.

Cat. No. I.D. Depth  
T195-8 9 $\frac{7}{8}$ " 6"

## TORSION SPRING PLASTER RINGS

## 2' x 2' LAY-IN GRID BAFFLE

See pages 4 and 16 for  
our complete line of Plaster  
Rings and  
Plaster Frames.

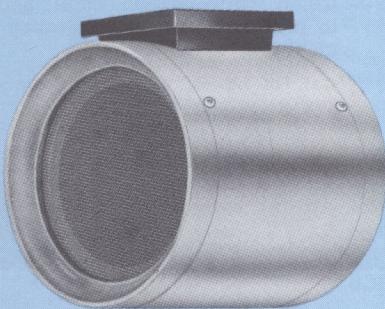


Model G22-8 is a new concept in ceiling baffles — a 2' x 2' lay-in grille for use with exposed T-Grid suspension ceiling systems. This attractive grille, which replaces a 2' x 2' tile in the ceiling, features an all perforated front design, with a sub-plate for attaching the speaker and mounting to back enclosure. Finish is matte white baked enamel with no visible hardware.

Cat. No. Enclosure Dimensions  
G22-8 95-8, 23 $\frac{3}{4}$ " x  
199-8 23 $\frac{3}{4}$ " x  
1 $\frac{1}{2}$ "

# VANDAL PROOF BAFFLES

## MODEL VP510-B



## BI DIRECTIONAL

### MODEL VP510-B

Model VP510-B is a unique bi-directional baffle which features vandal-proof construction and vandal-proof design. The housing is constructed of 11 gauge tempered aluminum plate, rolled and heliarc welded for maximum strength and rigidity. In addition to this extremely sturdy housing, the speaker grilles located on each end of the housing, are cast from a high tensile, self-aging aluminum alloy, which has a tensile strength of 44,000 lbs. P.S.I. — twice that of conventional aluminum castings.

For added security, the screen used in the speaker grille section, is fabricated of a special stainless steel woven wire mesh. This screen will eliminate any possibility of rupturing to gain access to the speaker cone. The canopy used for mounting to a standard electrical box, is also cast of heavy aluminum.

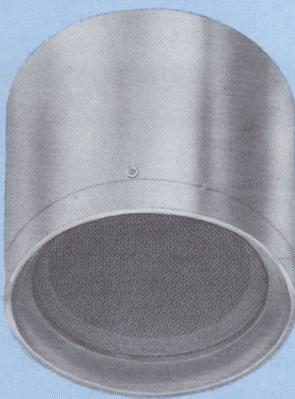
Total security is completed by use of special heat treated alloy tamper proof screws. A special wrench will be supplied with each shipment.

The housing is finished in a beautiful satin aluminum with a clear baked epoxy coating. The canopy is a contrasting satin black baked enamel.

Model VP510-B is designed for use with any standard 8" loudspeaker. SOUNDOLIER can furnish as optional equipment, special adapter rings designed for mounting various horns instead of a conventional cone speaker. Consult specification sheet for details.

Model No.	Mounting	Dimensions
VP510-B	Bi-directional ceiling or wall mounting	10" dia. x 8" deep x 11" projection

## MODEL VP410-S



## SURFACE

### MODEL VP410-S

Model VP410-S is a vandal-proof surface mounted ceiling or wall baffle designed for use with any standard 8" loudspeaker. The housing is constructed of 11 gauge tempered aluminum plate, rolled and heliarc welded for maximum strength and rigidity. In addition to this extremely sturdy housing, the speaker grille section is cast from a high tensile, self-aging aluminum alloy, having a tensile strength of 44,000 lbs. P.S.I. — twice that of conventional aluminum castings. To prevent access to the speaker cone, a special stainless steel woven wire mesh is incorporated into the speaker grille, for added security.

This uni-directional baffle can be mounted to a standard electric outlet box by means of keyhole slots located on the rear of the housing. Additional mounting holes are also provided to permit mounting to the structural part of a building by means of anchors. To prevent any possibility of tampering from the rear of the baffle, the rear has been heliarc welded and slightly regressed to permit the edges of the baffle to be drawn tightly against the ceiling.

Total security is completed by use of special heat treated alloy tamper-proof screws. A special wrench will be supplied with each shipment. The baffle is finished in a beautiful satin aluminum with a clear baked epoxy coating.

SOUNDOLIER can furnish as optional equipment, special adapter rings for mounting various horns instead of a conventional cone speaker. Consult specification sheet for details.

Model No.	Mounting	Dimensions
VP410-S	Ceiling or wall	10" dia. x 7" deep

## MODEL VP60-R



## RECESSED

### MODEL VP60-R

Model VP60-R is a truly vandal-proof recessed grille designed for use with any standard 8" loudspeaker. This attractive grille offers total security from direct blows to the grille or tampering to gain access to the speaker. This security is accomplished by use of a casting of a high tensile, self-aging aluminum alloy, which has a tensile strength of 44,000 lbs. P.S.I. — twice that of conventional aluminum castings. In addition, the speaker screen is a special stainless steel woven wire mesh, impervious to direct blows, thus preventing damage to the speaker cone.

Total security is completed by use of special heat-treated alloy tamper-proof screws. A special wrench will be supplied with each shipment.

Finish is satin aluminum with a clear baked epoxy finish.

SOUNDOLIER can furnish as optional equipment, special adapter rings designed for mounting various horns instead of a conventional cone speaker. Consult specification sheet for details.

Model No.	Mounting	Enclosure	Dimensions
VP60-R	Recessed	96-8	12 $\frac{3}{4}$ " dia. x 1" deep



Series 100 Cabinet Relay Racks are designed for standard 19" panels. Constructed of 16 ga. CRS throughout. Rear door lock and low profile handle included. 10-32 Tinnerman U nuts and pan head screws for panel mounting are provided. Internal louvers for improved ventilation. Standard finish grey hammertone over phosphate coating. Consult price list for other colors available at no additional cost.  $\frac{3}{4}$ " knockout located at rear top and bottom (Soundolier exclusive). Shipped knocked down only. Hardware and instructions included.

#### OPTIONS:

Series TMR tapped panel mounting rails for 10-32 screws. Available fac-

tory welded, only. Specify models TMR-36, TMR-42, TMR-61, TMR-70 or TMR-77.

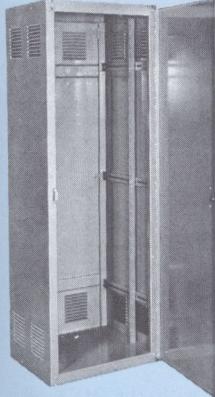
Series 110 Front Door—mounted on a ridged continuous hinge. May be ordered with or without cabinet. See specification chart for model numbers.

Series PT Panel Trim—stainless steel trim for covering panel mounting hardware. Complete with fasteners. Specify model PT-36, PT-42, PT-61, PT-70 or PT-77.

#### SPECIFICATIONS

Model No.	Width	Height	Depth	Panel Space-In.	Shipping Weight	Optional Model No.	Frt. Door Shipping Weight
100-36	22 $\frac{3}{8}$ "	41"	18 $\frac{1}{2}$ "	36.75"	95#	110-36	18#
100-42	22 $\frac{3}{8}$ "	46 $\frac{5}{16}$ "	18 $\frac{1}{2}$ "	42.00"	105#	110-42	24#
100-61	22 $\frac{3}{8}$ "	65 $\frac{7}{16}$ "	18 $\frac{1}{2}$ "	61.25"	115#	110-61	27#
100-70	22 $\frac{3}{8}$ "	74 $\frac{5}{16}$ "	18 $\frac{1}{2}$ "	70.00"	125#	110-70	30#
100-77	22 $\frac{3}{8}$ "	81 $\frac{5}{16}$ "	18 $\frac{1}{2}$ "	77.00"	135#	110-77	33#

## TRANSMITTER RACKS



Series 200 Transmitter Racks are designed to mount standard 19" panels. Constructed of 16 ga. CRS throughout. Front and rear door handles and cylinder locks provided (locks keyed differently for security). Modern internal louvers for improved ventilation. Panel mounting angles are adjustable to any distance from front. Panel angles are mounted to three sturdy channel slides per side. 10-32 Tinnerman U nuts and pan head screws for panel mounting are provided. Knockouts are located at rear, top and bottom (Soundolier exclusive). Standard grey hammertone

## 200 & TMR SERIES

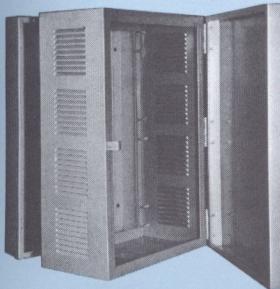
finish over phosphate coating. Consult price list for other colors available at no extra cost. Shipped knocked down complete with hardware and instructions.

#### OPTIONS:

Series TMR tapped panel mounting rails for 10-32 screws. Available factory welded, only. Specify model TMR-36, TMR-42, TMR-61, TMR-70 or TMR-77.

Model No.	Width	Height	Depth	Panel Space-In.	Shipping Weight
200-36	22 $\frac{3}{8}$ "	41"	18 $\frac{1}{2}$ "	36.75"	120#
200-42	22 $\frac{3}{8}$ "	46 $\frac{5}{16}$ "	18 $\frac{1}{2}$ "	42.00"	130#
200-61	22 $\frac{3}{8}$ "	65 $\frac{7}{16}$ "	18 $\frac{1}{2}$ "	61.25"	140#
200-70	22 $\frac{3}{8}$ "	74 $\frac{5}{16}$ "	18 $\frac{1}{2}$ "	70.00"	150#
200-77	22 $\frac{3}{8}$ "	81 $\frac{5}{16}$ "	18 $\frac{1}{2}$ "	77.00"	160#

## SECTIONAL WALL MOUNTING CABINETS

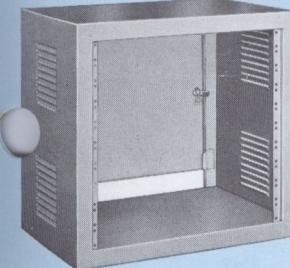


Series 300 Sectional Wall Cabinets are designed for standard 19" rack panels. Entire cabinet is constructed of 16 ga. CRS. Back and front sections are one piece construction with angle braces at each corner. All seams and miters are electric welded and ground smooth. Center cabinet is strengthened with 16 ga. braces at each corner. Three larger models have 11 ga. mounting supports on back section. Removable pin hinges for easy assembly and hinges are bolted to cabinet section for

greater strength. Knockouts and internal louvers are two Soundolier exclusives. Center section and rear section are secured with one-quarter turn camlocks and alignment pins. Front section is complete with cylinder lock. All models have tapped panel mounting rails and 10-32 pan head screws for panel mounting. Standard finish is grey hammertone over phosphate coating. Consult price list for other colors at no additional cost. Shipped completely assembled.

Model No.	A	B	C	D	E	F	G Panel Space	D-E-F	Shpg. Weight
300-17	20 $\frac{3}{8}$ "	20 $\frac{1}{2}$ "	19 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	11"	2"	17 $\frac{1}{2}$ "	17 $\frac{1}{2}$ "	46#
300-21	20 $\frac{3}{8}$ "	24"	19 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	11"	2"	21"	17 $\frac{1}{2}$ "	55#
300-26	20 $\frac{3}{8}$ "	29 $\frac{1}{4}$ "	19 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	11"	2"	26 $\frac{1}{4}$ "	17 $\frac{1}{2}$ "	68#
300-28	20 $\frac{3}{8}$ "	31"	19 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	11"	2"	28"	17 $\frac{1}{2}$ "	75#
300-42	20 $\frac{3}{8}$ "	45"	19 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	11"	2"	42"	17 $\frac{1}{2}$ "	125#
300-61	20 $\frac{3}{8}$ "	64 $\frac{1}{4}$ "	19 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	11"	2"	61 $\frac{1}{4}$ "	17 $\frac{1}{2}$ "	175#

## DESK TOP CABINETS



Series 400 desk top cabinets are completely assembled, 16 ga. CRS construction throughout. Each unit is equipped with a locking rear door which is mounted on sturdy slip jointed hinges. Internal louvers and recessed panel angles give this compact cabinet a 'clean look'.

Available in many baked enamel colors (consult your current price sheet). Designed to mount most Soundolier cabinet accessories. Shipped complete with all necessary panel mounting hardware.

## 400 SERIES

#### SPECIFICATIONS

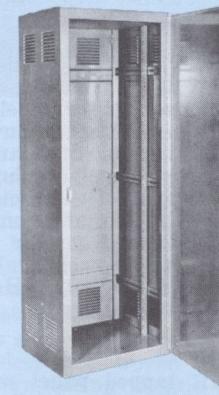
Model No.	Width	Height	Depth	Panel Space-in.	Shipping Weight
400-12	22 $\frac{3}{8}$ "	15 $\frac{1}{4}$ "	15 $\frac{3}{8}$ "	12 $\frac{1}{4}$ "	35 lbs.
400-17	22 $\frac{3}{8}$ "	20 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	17 $\frac{1}{2}$ "	42 lbs
400-24	22 $\frac{3}{8}$ "	27 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	24 $\frac{1}{2}$ "	47 lbs
400-31	22 $\frac{3}{8}$ "	34 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	31 $\frac{1}{2}$ "	58 lbs



The WA100 series cabinet relay rack is constructed of 16 gauge CRS and shipped completely assembled. Construction is all welded for additional strength and for a neater appearance. Prior to painting, each cabinet is given a phosphate treatment for rust prevention and excellent paint adhesion. All other specifications such as dimensions and sizes available are the same as standard series 100.

**Model No.      Panel Space**

WA100-36	36 $\frac{3}{4}$ "
WA100-42	42"
WA100-61	61 $\frac{1}{4}$ "
WA100-70	70"
WA100-77	77"



The WA200 series transmitter rack is constructed of 16 gauge CRS and shipped completely assembled. Construction is all welded for additional strength and for a neater appearance. Each cabinet receives a phosphate treatment prior to painting for rust prevention and for excellent paint adhesion. All specifications and dimensions are the same as standard 200 series.

**Model No.      Panel Space**

WA200-36	36 $\frac{3}{4}$ "
WA200-42	42"
WA200-61	61 $\frac{1}{4}$ "
WA200-70	70"
WA200-77	77"

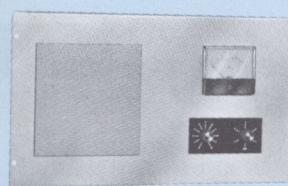
## MONITOR PANELS



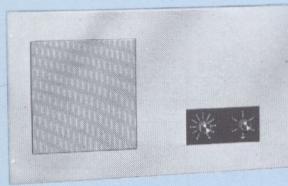
MVX-193



MX-193



MVX-1910



MX-1910

### MODEL MVX-193

The model MVX-193 monitor panel is a compact (3 $\frac{1}{2}$ ) CRS panel and is designed to be used with any multi-channel commercial or industrial sound system. It will provide acoustical and visual monitoring instantly with the turn of a switch. A double pole, six position switch with an attractive brushed aluminum inlay knob is wired to supply five different program channels with a sixth "off" position. Each channel conveniently connects to two screw terminals on the rear of the panel to provide balanced switching. All wiring to the external terminals is completed at the factory. Either a 70 volt or 25 volt line may be monitored. The monitor channel switch is conveniently mounted on a black plate with attractive white silk screened nomenclature and then is separately mounted to the panel. Through this arrangement, a free choice of colors to match any system is available.

A 3" speaker with transformer is used for aural monitoring. The speaker is connected through a continuous rotation potentiometer for proper level selection in monitoring. The control is mounted on the same plate as the channel selector switch. The speaker grille is attractively raised and contributes handsomely to the modern look of the entire unit.

The VU meter is recessed in the panel and provides a clean, crisp appearance. A long life black thermoplastic case blends well with the black selector switch, volume control inset. A rear adjustment provides the capability to set the meter at a 0 db

level on a 70 volt or 25 volt line. A zero adjust on the face of the meter completes its flexibility.

Since the switch and control panel is a separate plate, any electronic equipment cabinet color may be selected. See the complete color list in the cabinet section of your Soundolier price list. If a color is not specified, Soundolier grey hammertone will be used. A set of instructions is provided with each unit.

### MODEL MX-193

The model MX-193 is identical with the model MVX-193 except the VU meter is not provided. All other specifications remain the same.

### MODEL MVX-1910

The model MVX-1910 is identical with the MVX-193 except the panel is 10 $\frac{1}{2}$ " high instead of 3 $\frac{1}{2}$ " high. In addition, the monitor speaker is an 8" unit rather than a 3" unit. All other specifications remain the same.

### MODEL MX-1910

The model MX-1910 is identical with the MVX-1910 except a VU meter is not provided. All other specifications remain the same.

## SPECIFICATIONS

### MONITOR PANELS

	MVX-193	MX-193	MVX-1910	MX-1910
Channels	5	5	5	5
Monitor volume control	yes	yes	yes	yes
Loudspeaker size	3"	3"	8"	8"
VU meter	yes	no	yes	no
Meter adjust	yes	no	yes	no
Size (panel)	19" x 3 $\frac{1}{2}$ "	19" x 3 $\frac{1}{2}$ "	19" x 10 $\frac{1}{2}$ "	19" x 10 $\frac{1}{2}$ "
Material	CRS	CRS	CRS	CRS
Termination	Screw	Screw	Screw	Screw
Finish	Grey hammertone or any standard color in your current Soundolier price list	Screw	Screw	Screw
Weight	3 $\frac{3}{4}$ lbs.	3 $\frac{1}{2}$ lbs.	6 $\frac{1}{2}$ lbs.	6 lbs.

## AC POWER PANELS



ACR-193



ACK-193

### MODEL ACR-193

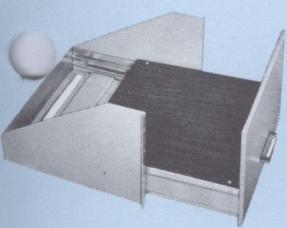
The model ACR-193 master power panel is designed to provide a single switch which controls all AC power in any industrial or commercial sound system. The main switch is a DPST rocker type and is capable of switching both sides of the power line. A red jewel, long life, neon pilot lite indicates visually whether the AC power is on or off. Eight AC outlets are provided with six controlled by the main switch and the remaining two uncontrolled. Each outlet is grounded (3 contacts). A 15 amp fuse is included. A hole is provided for the connection of  $\frac{1}{2}$ " conduit to the rear of the panel. All wiring is completed at the factory. Almost any finish is available (see the cabinet section of your current Soundolier price list.) If the finish is not specified, Soundolier grey hammertone will be used. An instruction sheet is provided with each unit.

### MODEL ACK-193

The model ACK-193 is identical to the model ACR-193 except for the use of a DPST key switch. This prevents unauthorized personnel from turning the entire system off or on. Two keys are provided with each unit. All other specifications remain the same.

### MASTER POWER PANEL

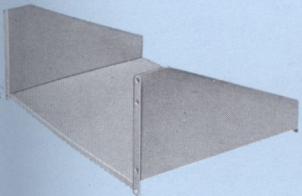
	ACR-193	ACK-193
Panel rating	15 amp	15 amp
Switch rating	15 amp	15 amp
Outlets switched	6	6
Outlets unswitched	2	2
Pilot lite	yes	yes
Size (panel)	19" x 3 $\frac{1}{2}$ "	19" x 3 $\frac{1}{2}$ "
Weight	7 lbs.	7 lbs.
Finish	Same as monitor panels above	



PD series phono drawers are constructed of 16 ga. CRS. The chassis is mounted on slides with nylon tired bearing rollers. The chassis is complete with a handsome  $\frac{1}{4}$ " thick walnut grain mansonite base. Available in many standard colors. See current price sheet.

Model	Panel Space	Drawer Extension	Used In Series
PD10-16	10 $\frac{1}{2}$ "	12"	100,200
PD10-165	10 $\frac{1}{2}$ "	16"	100,200
PD10-14	10 $\frac{1}{2}$ "	10"	100,200,
			300,400
PD10-145	10 $\frac{1}{2}$ "	14"	100,200, 300,400

### SHELF ASSEMBLY



Model SH19-7 shelf assembly is constructed of 16 ga. CRS and is easily mounted to the panel mount rails of all standard 19" racks. Requires 7" of panel space. Ideal for mounting equipment that does not have rack mount facilities. Available in many standard baked enamel colors. Consult your current price sheet. Dimensions — 17 $\frac{1}{2}$ " x 14" x 7" high.

### 1/16" STEEL BLANK PANELS



S19 series panels are constructed of 1/16" CRS. Two sides of the panel are formed for rigidity. The panel mount holes are round for a neater appearance. Consult price list for standard colors.

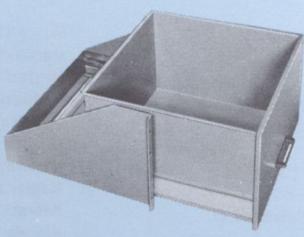
Model No.	Panel Space
S19-1	1 $\frac{3}{4}$ "
S19-3	3 $\frac{1}{2}$ "
S19-5	5 $\frac{1}{4}$ "
S19-7	7"
S19-8	8 $\frac{3}{4}$ "
S19-10	10 $\frac{1}{2}$ "
S19-12	12 $\frac{1}{4}$ "
S19-14	14"
S19-15	15 $\frac{3}{4}$ "
S19-17	17 $\frac{1}{4}$ "
S19-19	19 $\frac{1}{4}$ "
S19-21	21"

### VENT PANELS



SVP19 series vent panels are constructed of 22 ga. perforated CRS. Two sides are formed for rigidity and hemmed to eliminate sharp edges. Available in many standard colors. Consult your price sheet.

Model No.	Panel Space
SVP19-1	1 $\frac{3}{4}$ "
SVP19-3	3 $\frac{1}{2}$ "
SVP19-5	5 $\frac{1}{4}$ "
SVP19-7	7"
SVP19-8	8 $\frac{3}{4}$ "
SVP19-10	10 $\frac{1}{2}$ "
SVP19-12	12 $\frac{1}{4}$ "



SD series storage drawers are ideal for tapes, records, microphones and other accessories. Construction is 16 ga. CRS. Complete with nylon tired roller bearings. Available in two depth — 7" and 10 $\frac{1}{2}$ ". Consult your price sheet for many standard colors.

Model	Panel Space	Drawer Extension	Used In Series
SD7-16	7"	12"	100,200
SD7-165	7"	16"	100,200
SD10-16	10 $\frac{1}{2}$ "	12"	100,200
SD10-165	10 $\frac{1}{2}$ "	16"	100,200

### ROLLER TRUCK



Model CT1020 roller truck is constructed of 16 ga. CRS and is designed for Soundolier's 100, 200, WA100 and WA200 series cabinets. Fitted with four 3" ball bearing casters. Front casters are locking type. Load capacity is 400 lbs. Consult your current price sheet for standard finishes. Dimensions — 24 13/16" wide x 21" deep.

### 1/8" ALUMINUM PANELS



A19 series panels are constructed of  $\frac{1}{8}$ " thick aluminum. Panel mount holes are round for neater appearance. Panels are painted on both sides. Consult your price sheet for standard colors.

Model No.	Panel Space
A19-1	1 $\frac{3}{4}$ "
A19-3	3 $\frac{1}{2}$ "
A19-5	5 $\frac{1}{4}$ "
A19-7	7"
A19-8	8 $\frac{3}{4}$ "
A19-10	10 $\frac{1}{2}$ "
A19-12	12 $\frac{1}{4}$ "
A19-14	14"
A19-15	15 $\frac{3}{4}$ "
A19-17	17 $\frac{1}{4}$ "
A19-19	19 $\frac{1}{4}$ "
A19-21	21"

**RESERVED FOR ADDITIONS  
TO SOUNDOLIER'S EXPANDING  
LINE OF ELECTRONIC  
EQUIPMENT CABINETS.**

**REPRESENTATIVES:** Match number listed behind the state you are in with the corresponding number in the representative listing. This will determine our representative nearest you.

Alabama (19)	Maine (16)	North Dakota (26)
Alaska (25)	Maryland (9)	Ohio (13)
Arizona (12)	Massachusetts (16)	Oklahoma (21)
Arkansas (23)	Michigan (17-18)	Oregon (25)
California (20-27)	Minnesota (26)	Pennsylvania (10-29)
Colorado (5)	Mississippi (23-24)	Rhode Island (16)
Connecticut (16)	Missouri (3-4)	South Carolina (14)
Delaware (9)	Montana (5-25)	South Dakota (26)
District of Columbia (9)	Nebraska (4)	Tennessee (14-23)
Florida (28)	Nevada (20-27)	Texas (21-22)
Georgia (19)	New Hampshire (16)	Utah (5)
Hawaii (15)	New Jersey (10)	Vermont (16)
Idaho (5-25)	(Trenton, South)	Virginia (9)
Illinois (3-6)	New Jersey (1)	Washington (25)
Indiana (11)	(North of Trenton)	West Virginia (29)
Iowa (4)	New Mexico (12)	Wisconsin (6-26)
Kansas (4)	Metropolitan NYC (1)	Wyoming (5)
Kentucky (11)	New York State (8)	Canada (2-7)
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10. LIENAU ASSOCIATES  
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20. STRASSNER SALES  
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Los Angeles, Calif. 90039  
(213) 666-1511

21. THE TEXPORT COMPANY  
2837 Anode St.  
Dallas, Texas 75220  
(214) 358-3435

22. THE TEXPORT CO.  
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